

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LIV NUMBER 1

JANUARY 2001

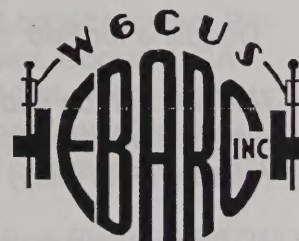


**NEW
MEETING
PLACE!**

EBARC Meeting

January 12, 2001
7:30 p.m.

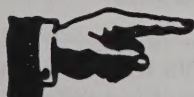
"Soldering Techniques, Etc."
Henry Primbsch, KK6PH



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL



POSTMASTER:
Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Feb. issue: Tuesday, Jan. 23

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail (attachments okay) to aa6xz@juno.com.]

Message from the President John Wood, KF6HFA

Well, the election is over, Christmas is a recent memory except for the added pounds, and here we are ready to begin another year (actually another century and millennium as well). (Oh, you thought that we did that last year?) We begin with our first club meeting at our new location, The Salvation Army, 4600 Appian Way, El Sobrante. The times are the same. I hope that each of you will join us. Directions to the site are elsewhere in this issue.

I have decided to once again do a fundraiser for the club in much the same way that I did a couple of years ago with the 4 band HT. This time the prize will be a Yaesu FT-817 QRP rig that covers every ham band between 160M and 70 cm, with the exception of the 220 MHz band. It is all-mode and puts out 5 watts across the spectrum. It's about the size of a standard 50W mobile rig and has an internal 9V

battery or can be operated from an external 12V DC source. They are a bit difficult to get right now. HRO promises mine by the middle of January. So I should have it for the February meeting.

Discussions are started for another crab feed. I'm not sure who is managing the event yet so I can't tell you to buy your tickets yet. Stay tuned.

As I reported at the last meeting, the negotiations with The Red Cross are still on hold and vague. I informed the Richmond office that we were quite concerned with the prospect of losing the 2M section of the club station and was told that there is a good possibility that the Richmond office will be closed. This makes any negotiations with them moot and we will have to take our needs directly to the Richmond City offices. This has been lingering for better than two years, and I hope that we will be able to know our future (with regard to the club station) by the end of the year. In the meantime, stay tuned.

Please help EBARC to re-qualify to be an ARRL affiliated member club. In order to qualify, we need to have at least 50% of the members be ARRL members.

According to our records, we are a few members short of the goal. If you are not currently a member, please consider joining ARRL to support this requalification. If you need an application form, please call me and I'll get you one.

That's it for this month. I hope to see each of you at the next meeting in January at The Salvation Army building in El Sobrante.

**Renew on time
to be in next year's roster!**

Directions to the Salvation Army (for General Meetings)

From Hwy 80 and San Pablo Dam Road exit: Drive east on San Pablo Dam Road 1.4 Miles to Appian Way. Turn left onto Appian Way and proceed 0.5 miles to 4600 Appian Way. Turn right into the Salvation Army's parking lot (or park at the curb).

From Hwy 80 and Appian Way exit: Drive east on Appian Way 1.0 miles to where the road becomes Valley View. Turn right to continue on Appian Way for 0.6 Miles to 4600 Appian Way. Turn left into the Salvation Army's parking lot (or park at the curb).

Public Transportation: The #70 AC Transit bus leaves El Cerrito Del Norte BART at 7:05 p.m., arriving at Appian Way and La Paloma (about 1.5 blocks southwest of Salvation Army) at 7:24 p.m. The last bus in the return direction leaves at 9:36 p.m. (a little earlier than our meeting usually ends). The next best bet might be a taxi!

January Program Syl Goldberg, W8JSN, 1st V. P.

Do you have the "Feedline Blues?" Not to worry! Our very own Henry Primbsch, KK6PH, will demonstrate the right way to prepare that nasty coax cable and solder it to the infamous PL-259 connector. He may show some other handy goodies, too.

Silent Key, Chet Pike, AC6WF

Chet passed away suddenly Saturday, Dec. 16, 2000. He is survived by his wife of 44 years, Joanne; daughters, Suzanne Pike and Stephanie Pike; son Jeffrey Pike; sister

Marilyn Watson; brothers Keith and Charles; and two grandchildren.

For 45 years he was an electronics engineer at Lawrence Berkeley Laboratory. He was very active in amateur radio, including ARES/RACES. He was also a member of the National Fire Protection Association and Richmond Rod and Gun Club.

If you'd like to make a memorial gift, Chet supported Marine Toys for Tots Foundation, 2nd/3rd Longshoremment Pit, 3225 Willow Pass Road, Concord, CA 94519-2314, Attn.: 1st Sgt. Herb Bigness; or Salvation Army Emergency Services, 4600 Appian Way, El Sobrante, CA 94803.

[the following is from Bob Blohm, KE6ZWO]
Chester D. Pike, AC6WF, became a silent key on 16 December 2000 at the age of 68. Chet became a licensed amateur on 28 November, 1995. He advanced to Extra Class on 12 July 1996.

Chet was a VE and helped with the testing at EBARC test sites. He was also a member of the EBARC Education Committee and helped with the licensing classes.

Chet was a good friend to all and was always willing to step in and help as an Elmer with anyone's problem. He will be missed by all in the amateur community.

As all who knew him know, Chet had a hearing problem. His wife commented, "He can talk and hear someone around the world but can't hear me across the table."

I am proud to have had him as a friend and will miss him greatly.

Treasurer's Report

November, 2000

Gordon Parsons, NU6W, Treasurer

NOVEMBER INCOME

Renewals: W8JSN, W6NGE, KE6EUA,
 KD6AGA, W1ZJ, K6HVV, K3MHD,
 WD6AKC, KF6WNH, &
 KF6OGA.....\$250.00
 Family Renewals: KI7FQ/KE6MRH,
 WA6CCF/Mike, KF6HEX/Bud90.00
 Station Fund Kitty22.00
 Refreshment Kitty7.00
 Total Nov. Income\$369.00

NOVEMBER DISBURSEMENTS

Blown Fuse Printing.....\$28.58
 Blown Fuse Postage.....38.28
 City of Albany (room rental).....45.00
 W6CUS phone (Pacific Bell).....16.33
 Total Nov. Disbursements\$128.19

BANK OF THE WEST ACCOUNTS

Checking (General Fund)\$2,129.94
 Savings (Station Fund*).....\$426.25

*\$147.76 loaned from the General Fund.

The 2001 membership dues are now being collected. The dues, which remain at last year's levels, are \$25 for individual membership and \$30 for family membership. Please pay at the meeting or send to P.O. Box 1393, El Cerrito, CA 94530. Please write your call sign on your check to facilitate referencing. If your address, call, phone, etc. have changed, please include that information also.

Remember to feed the kitty!

**AVOID THE DREADED PAST DUE
 STAMP ON YOUR NEXT BLOWN FUSE.
 PAY UP NOW!**

2001 EBARC Membership Renewal

Name _____

Call Sign _____

N T T+ G A E
 License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

ARRL Member? ☐ Yes ☐ No
 Membership Type ☐ Regular ☐ Family

Additional family member's name, call, and class

Please use the lines above to tell us your ham
 interests, and any non-ham skills or hobbies

Thanks for the Goodies, HRO!

Ham Radio Outlet in Oakland donated the following to raffle at the 4Cs/EBARC holiday party, held December 10th.

- SPM-100 speaker microphone
- RF Bug
- 2 sets of NiMH batteries
- MH-C204F smart charger
- MFJ-281 speaker
- ARRL Operating Manual
- ARRL Antenna Book
- 2 lg. & 2 small ARRL log books

General Meeting Minutes

December 8, 2000

Sharon Primbsch, AA6XZ, Acting Sect'y

The meeting was called to order at 7:30 p.m. by President Burgie Jones.

Syl Goldberg, W8JSN, was unanimously elected as 1st Vice President for 2001.

John Wood reported that negotiations with The Red Cross are still on hold and vague.

The members present agreed that future general meetings should be held (for free) at the El Sobrante Salvation Army, if they can guarantee we will be able to use the facility the 2nd Friday of every month. John Wood will handle the arrangements.

Officers for 2001 were installed, and the meeting was adjourned near 7:50 p.m. for the "round robin" gift exchange and potluck dessert. EBARC thanked Cheryl, KF6HEN, and Adah, KF6IHW for the decorations.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Contact Cliff Chiba, KF6EII, 209-835-6715, email larkswap@usa.com.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are held quarterly at 9 a.m. on a Sunday. The schedule for 2001 is Jan 21st, Apr. 15th, July 15th, and Oct. 21st. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The test fee for 2001 is \$10. For info, call 510-741-8227 or 510-841-7233.

W6CUS Club Station Report

Ralph Hall, W6EFD

Last month's Blown Fuse mentioned a "maybe so" wherein the club might obtain a color printer for our computer setup. Roger (KE6SZG) had a spare Epson printer that had not been used for quite a length of time. It developed that an ink cartridge (which was donated) and an updated driver program, which Roger downloaded from the Internet, was all that was required to get it operational. Roger installed the program and the printer went right to work.

The club owes a big "THANK YOU" to Roger for the donation of the printer and his efforts at getting it up and going. Our previously used printer, a dot matrix "line printer", was donated by Ron (KE6RS) a few years ago and we thank Ron for the use of it.

Otherwise, all is well at the club station.

ARRL Pacific Division Update (Excerpt), by Jim Maxwell, W6CF

Phase 3D in Trouble

Hopes have been running high ever since Amsat Phase 3D was launched into orbit Nov. 16. Unfortunately, AMSAT reports there's a problem aboard AO-40. The Amateur Radio satellite has not been heard from since December 13.

AMSAT-Germany's Peter Guelzow, DB2OS, of the AO-40 team, said nothing was heard over the weekend, and command stations tried to re-establish communication by sending blind commands. If the reset had occurred, the satellite would have been restored to its

post-launch configuration and attempt to transmit on 70 cm. However, the 70-cm transmitter has been problematic, and the satellite likely still would need to be reconfigured for 2-meter transmission at that point to be heard on Earth.

The AO-40 team is continuing to investigate reports of weak signals on the 2-meter downlink frequency of 145.898 MHz that seem to be coming from AO-40, but it has discounted reports of telemetry heard there as a hoax. Other reports persist of a weak, unmodulated carrier, however.

Guelzow said today that the AO-40 team is encouraged by a report from the North American Air Defense Command--NORAD. The report indicates that AO-40 was found to be in one piece, that the orbit was exactly where it should be, that the radar cross-section was as expected, and that no other pieces were found. Guelzow said the NORAD data counter rumors "which no one on the inner team believed" that AO-40 might have exploded.

When and whether the satellite will be heard from again depends, in part, on whether AO-40 has picked up any of the "blind commands" sent by ground controllers. Guelzow says that if no commands were accepted by the IHU-1 onboard computer since contact was lost December 13, then a "command-assist" watchdog (software reset) routine on December 21 will cycle the satellite through various receive, transmit, high-gain and low-gain antenna modes. If AO-40 did pick up some commands, Guelzow said, the command-assist watchdog will be reset for another 10 orbits. That could extend the wait until sometime after Christmas.

World Radio Conference, 2003

Almost before the memory of the Istanbul World Radio Conference (WRC) has faded, preparations are underway for the next one, probably to be held in Geneva sometime in 2003. Several matters scheduled for consideration at the conference will have a profound effect on the future of Amateur Radio. A good summary of issues can be found on the International Amateur Radio Union's (IARU's) web site at <http://www.iau.org/cal-181.html>. Of major importance is a proposal to "harmonize" worldwide Amateur assignments on the 40-meter band; that is, have (perhaps!) a single exclusive worldwide assignment for Amateur Radio rather than the patchwork arrangement we now have. Also of great importance to many is the matter of Morse testing for Amateur HF licenses. This may well turn out to be the Great Debate of 2001. Vice Director Vallio and I would appreciate hearing your views on this matter. Please email your thoughts to me at w6cf@arrl.org, and to Bob at w6rgg@arrl.org.

EBARC Roster Update

- **NEW ADDRESS:** Lloyd Albright, W1ZJ, now lives at Diablo Hall #25, Cal Poly, 1 Grand Ave., Bldg. #101, San Luis Obispo, CA 93410-1100. His phone is 805-756-3385.
- **NEW MEMBER:** Mac Lingo, K5DKA, has a General license. He lives at 32A Sunset, Kensington, 94707. His phone is 510-525-1881.
- **SILENT KEY:** Chet Pike, AC5WF. See the article elsewhere in this issue.

HAPPY NEW YEAR!

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership and \$30 for a family membership. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2001 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

John Wood, KF6HFA, President	234-0527
Syl Goldberg, W8JSN, 1st VP - Program Chair.....	528-1304
Bob Blohm, KE6ZWO, 2nd VP - Hospitality Chair.....	232-9117
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...	785-4290
Gayle "Burgie" Jones, KE6MSF, Secretary	222-3672
Ralph Hall W6EFD, W6CUS Trustee / Club Station Manager	232-0727
Henry Primbsch KK6PH, Education / Field Day Chair.....	741-8227
Adah Fryman, KF6IHW, Social Committee Chair?	232-1934
Carl Hill, KG6AEE, Publicity Chair?	223-7459
Joe Lee W6DOB, Awards Chair?	724-0533
Packet & Digital Committee Chair.....	
RFI Committee Chair	
Historian	
Member-at-Large	
Member-at-Large	
Member-at-Large	

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " " "	"	"	147.57s
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Elmers Net	Thurs	2000 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

Look for the
HRO Home Page
on the World Wide Web
<http://www.hamradio.com>

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(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, W0MF, Mgr.

BURBANK, CA

2492 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Marv, K6VIV, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5

OAKLAND, CA

2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp

SAN DIEGO, CA

5375 Kearny Villa Rd., 92123
(619) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa

SUNNYVALE, CA

510 Lawrence Exp. #102
94086
(408) 736-9496
(800) 854-6046
Ken, K1ZKM, Mgr.
So. from Hwy. 101

NEW CASTLE, DE

(Near Philadelphia)
1509 N. DuPont Hwy., 19720
(302) 322-7092
(800) 644-4476
Bob, N9GG, Mgr.
RT.13 1/4 mi., So. I-295

PORTLAND, OR

11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Ray, K17TN, Mgr.
Tigard-99W exit
from Hwy. 5 & 217

DENVER, CO

8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
Joe, KD0GA, Mgr.

PHOENIX, AZ

1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17

ATLANTA, GA

6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Phil, N4DR0, Mgr.
Doraville, 1 mi. no. of I-285

WOODBRIIDGE, VA

(Near Washington D.C.)
14803 Build America Dr.
22191
(703) 643-1063
(800) 444-7999
Mike, KA3TMO, Mgr.
Exit 161, I-95, So. to US 1

SALEM, NH

(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, KM4NZ, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston

AZ, CA, CO, GA, VA
residents add sales tax.
Prices, specifications,
descriptions, subject
to change without notice.

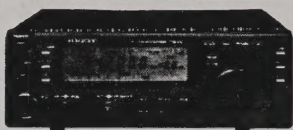
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- 100W 6 Meters
- 20W 2 Meters
- Slots for two optional filters

Call For Low Pricing!



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- 200W HF Transceiver • 101 memories
- DSP built-in • Digital noise reduction
- Digital automatic notch • Digital LPF and HPF
- QSK, Digital CW filter • Built-in AC supply
- Twin PBT • Dual watch

Call Now For The Ultimate Radio!

ALINCO



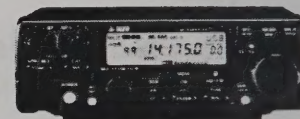
DJ-S41T/DJ-S11T

440 Tiny HT 2Mtr Tiny HT

- 340 mw
- 21 memories
- Uses 3 "AA" Batteries
- Encode built-in
- Pivot antenna
- Less than 5" high and 2 1/4" wide (DJ-S41T)

Call For Low Pricing!

(DJ-S41T shown)



DX-70T HF Transceiver

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- Full QSK, 100 Mems. • Compact, Remotable
- Dual VFO, 12VDC • 6.2 lbs.

100W/6M DX-70TH Now Available!

YAESU

VX-1R

2M/440 Sub-Mini HT

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2M/440mHz Compact HT

- DVR, Decode, Paging Built-in
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- Wide Band receive
- Battery Saver
- 112 Memories
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**Call For
Your Low
Pricing!**



FT-1000MP HF Transceiver

- Enhanced Digital Signal Processing
- Dual RX
- Collins SS8 filter built-in
- 100W, Power supply built-in

Call Now For Low Pricing!

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CLUB STATION W6CUS

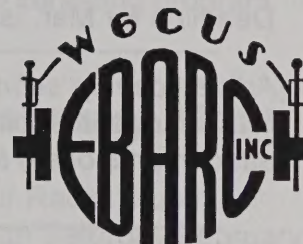
VOLUME LIV NUMBER 2

FEBRUARY 2001

EBARC Meeting

February 9, 2001
7:30 p.m.

"The ARRL Field Organization"
Andy Oppel, KF6RCO

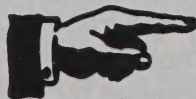


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Deadline for Mar. issue: Tuesday, Feb. 20

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail (attachments okay) to aa6xz@juno.com.]

Message from the President John Wood, KF6HFA

We had a successful first meeting in our new digs. (Remember that we have moved our general meeting to the Salvation Army building in El Sobrante) Henry, KK6PH, gave a very informative lecture about how to attach those silly connectors to the ends of stiff coax. For those of you who weren't there, you missed some very good information. Perhaps we can call on Henry's expertise again soon to share some other technical information that will be of interest to all.

We held a short memorial service for our latest silent key, Chet Pike. The meeting was attended by his widow, Joann, and her two grandchildren. Many happy memories were recalled. Thanks to everyone who participated.

I'm trying to get Cliff Warrick to come and get all the West County RACES members

sworn so that we can act as Disaster Service Workers should the need arise. Oh, yes, we tried to do it last year but the State of California doesn't like the old forms and we must redo them. Please pay attention to the Thursday night RACES net (at 6:45 PM) for more information.

I'm going to do another raffle to make some more money for the club. The last one was quite successful and I'm hoping that this one will be also. Please see the notice elsewhere for details.

Finally, Henry, Sharon and I are going to participate with the Fremont radio club in the Baker to Vegas 120-mile relay race. This is an annual relay foot race for peace officers and firefighters that is a real test of endurance. If you look on a map of California at the road between Baker, CA and Las Vegas, Nevada (not the straight road, the one that goes north from Baker) you will see that it isn't for the timid. They have measured the temperature on the asphalt at 140 degrees at the same time that there is snow in the mountains where the temporary repeaters are located. It should be fun. The event is April 7-8th.

Well, that's it for this month. I hope to see all of you at the Salvation Army building on February 9th.

The @&# "PAST DUE" Stamp!

If you have "PAST DUE" stamped on the front of your *Blown Fuse*, our records show that you have not yet renewed for 2001. If you haven't renewed by mid-February, you won't receive the next issue of the *Blown Fuse*, and you won't be in the 2001 roster! If you're sure you've renewed, contact Gordy Parsons, NU6W, at 785-4290. Call Sharon at 741-8227 with roster changes.

Raffle of Yaesu FT 817

John Wood, KF6HFA

I'm going to raffle off the newest hot item that the Ham Radio manufacturers have provided to us. This time it is the All Mode, All Band Yaesu FT 817 QRP radio. It covers all the Amateur bands between 160 Meters and 70 centimeters with the exception of the 220 MHz band. With an external battery at 13.6V the rig puts out 5 watts. It also includes several of the new digital modes including PSK31.

The plan is very similar to the one two years ago. I will offer 400 tickets at \$5 each. When they are all sold, I'll hold the drawing in whatever club I'm at. If they don't all sell by the EBARC December 2001 General meeting, I'll do the drawing then.

I plan to return 30% (\$1.50/ticket) to the club of the purchaser's choosing. Last time this got several more people to buy tickets. They saw that it was a fundraiser for their club as well. It pays to share the wealth.

Please support your club by buying tickets and hopefully someone we know will win. You can improve your chances of winning by buying several. Good luck and buy, buy, buy!

Tower for Sale

Larry Fish, K6DJS, has a US Tower MA-40 tubular 2 section crank-up 40-foot tower for sale for \$300 or best offer. Larry is moving and needs to remove the tower from his current home in East Contra Costa County. The tower is about 2 years old. Contact Larry at 925-736-7378.

February Program

Syl Goldberg, W8JSN, 1st V. P.

Our February program will be guest speaker Andy Oppel, KF6RCO. Andy is our ARRL Section Leader and will cover the following topics:

- * The ARRL Field Organization
- * Roles and responsibilities of the ARRL Section Leader

We are certainly striving to maintain a close tie to the ARRL, and this should promise to be a very interesting program.

Crab Feed February 24th!

The East Bay Amateur Radio Club is holding a Crab Feed on Saturday February 24th at 6:00 p.m. It will be held at the United Methodist Church in Pinole. Everyone is invited. Tickets are on sale for \$25.00 each. We will also have a raffle. The tickets will be 2/\$1. We will have lots of goodies and gifts to raffle. (Feel free to bring an item to donate for the raffle.) So if you are available and want to have a good time, please come. We'd love to entertain you for the evening. Please call Burgie, KE6MSF, and she will deliver the ticket(s) to you. Hope to see you there!

ORCA Meeting

The Oakland Radio Communications Association, ORCA, invites all to a special meeting Friday, Feb 2nd at 7 p.m. at 1950 Franklin (Kaiser facility) in Oakland. The commercial film "Frequency" will be shown. When you enter the building, tell the guard that you're attending the amateur radio meeting (NOT a film!).

SATERN Net

John Wood, KF6HFA

Because we are being hosted by the Salvation Army, it is my thought that by way of saying thank you we could do a little something that helps with their mission from time to time. This month I am reporting that the Salvation Army Team Emergency Radio Network (SATERN) net meets every week on the MDARC repeater, 147.060, pl 100, at 8 p.m. on Mondays. As you may know, the repeater is on the top of Mt. Diablo, and some of us up against the hills may not be able to reach it. Give it a try anyway.

Technician Class Starts

Henry Primbsch, KK6PH

The East Bay Amateur Radio Club is sponsoring a Technician class course to be held on nine consecutive Tuesday evenings from 7 to 9:30 p.m. at the Alvarado School, which is just east of the Carlson Ave overpass on I-80.

The first class will be held on the evening of March 6th in room 2, and the last class will be a VE test session. There is no charge for the class, and the ARRL textbook, *Now You're Talking*, will be available at the class at a slightly reduced price.

To enroll, you can contact the West Contra Costa Adult Education Office at the Serra School, which is located on Ralston Ave about half a block north of Solano in East Richmond, or you can come to the first class and enroll there.

For more information call 510-741-8227 or 510-524-9021.

General Meeting Minutes

January 12, 2001

"Burgie" Jones, KE6MSF, Secretary

The meeting was called to order at 7:30 p.m. by President John Wood, KF6HFA. The meeting was held at the Salvation Army building in El Sobrante.

A tribute was made in honor of Chet Pike, AC6WF. Mrs. Pike and their two granddaughters were among the guests.

The minutes were approved as printed in the Blown Fuse for December 2000.

We will be having a Crab Feed Saturday February 24th at 6:00 p.m. at the United Methodist Church of Pinole. The tickets are \$25.00 each.

John will be selling tickets for \$5.00 for a special fundraiser for an FT 817 radio. He wants to sell 400 tickets before the raffle is to be held in December 2001. If anyone is interested, please see John Wood and he will be happy to sell you one or more tickets for the fundraiser. Also 30% will go to the club where the ticket was purchased.

We sometimes will have another can (which will sit with our other can for donations) for RACES expenses. If you would like to donate to RACES, please feel free to do so at the meetings. John KF6HFA will be in charge of the distribution of those funds.

Henry, KK6PH, gave a program on how to install and solder coax connectors.

Meeting was adjourned at 9:55 p.m.

[The list of officers and nets is being omitted this month to save space – Ed.]

Antenna for Sale

An MFJ 1780 HF loop antenna was donated to EBARC by Jack Frost. It's a one-turn tuned circuit with a very high Q. It's worth approximately \$200+, but will be sold at a silent auction, with proceeds going to the EBARC treasury. Send your sealed bid to the EBARC post office box, or bring it to a meeting. The minimum bid is \$50. The auction will be held at the March meeting, and you can raise the highest bid at the meeting. For details, call Dar Thompson at 724-4966.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Contact Cliff Chiba, KF6EII, 209-835-6715, email larkswap@usa.com.
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. on a Sunday. The schedule for the rest of 2001 is Apr. 22th, July 15th, and Oct. 21st. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2001 fee is \$10. For info, call 510-741-8227 or 510-841-7233.
- RACES 2001 Training Schedule [location C=Central, E=East, W=West, S=South county]:
 - 2/17, ICS/SEMS Operation [S]
 - 3/17, Message Center Management [E]
 - 4/21, Basic Training [W]
 - 5/12, Using Your Radio [C]
 - 9/15, Emergency Dispatch II [S]
 - Pacificon, Working with Public Agencies
 - 11/10, EC/Management Training [C]
 - 12/15, Traffic Handling [W]



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Janet, W0MF, Mgr.

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(818) 842-1786
(800) 854-6046
Marv, K6VIV, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5

OAKLAND, CA

2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp

SAN DIEGO, CA

5375 Kearny Villa Rd., 92123
(619) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa

SUNNYVALE, CA

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94086
(408) 736-9496
(800) 854-6046
Ken, K1ZKM, Mgr.
So. from Hwy. 101

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(302) 322-7092
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Bob, N9GG, Mgr.
RT.13 1/4 mi., So. I-295

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Ray, K17TN, Mgr.
Tigard-99W exit
from Hwy. 5 & 217

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(303) 745-7373
(800) 444-9476
Joe, KD0GA, Mgr.

PHOENIX, AZ

1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17

ATLANTA, GA

6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Phil, N4DRO, Mgr.
Doraville, 1 mi. no. of I-285

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22191
(703) 643-1063
(800) 444-4799
Mike, KA3TMO, Mgr.
Exit 161, I-95, So. to US 1

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(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
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sales@hamradio.com
Exit 1, I-93;
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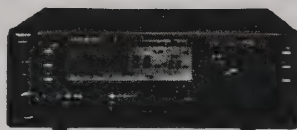
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(DJ-S41T shown)



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CLUB STATION W6CUS

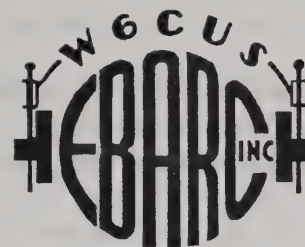
VOLUME LIV NUMBER 3

MARCH 2001

EBARC Meeting

March 9, 2001
7:30 p.m.

"Rim of the World"
Mike Jones, K6IL



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

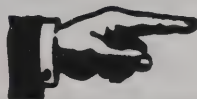
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393

El Cerrito, CA 94530

FIRST CLASS MAIL



POSTMASTER:
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Apr. issue: Tuesday, Feb. 27

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail (attachments okay) to aa6xz@juno.com.]

Message from the President

John Wood, KF6HFA

Hello fellow members of EBARC. I'm getting excited about the upcoming trip that Henry, KK6PH, Sharon, AA6XZ and I are going to be taking in early April to help with the communications for the annual Baker to Vegas race. Each year a loosely knit group of individuals (mostly from the Fremont Ham Radio club) drive to the Las Vegas area with a caravan of vehicles loaded with radio equipment, spend 3 to 4 days setting up a network of four repeaters to cover the 200 mile race. Then on the day of the race we use the network to support the runners. Both voice and data (APRS) communications are used.

For the past three weeks we have been going to a garage in Pacifica where the modules used in the networks are being readied. There is lots of drilling of holes and soldering of wires. We expect that there will be several more instances of

assembly before the caravan musters for the long drive into the California desert.

So, on the 2nd of April and for the next week we will be gone from the Bay Area, but I don't think that there will be a lot of time for gaming in the casinos. Oh well, that's not a big loss for me.

The other big thing that is happening is that I've gotten into bidding on eBay. I found a nice 100 MHz Tektronix scope for \$175 and so this is where I look now when I want to buy something. Anyway, the reason that I'm telling you this is that I think that we could convert some of the gifts to the club into cash. I'm thinking of the Heathkit transmitter that we acquired a couple of months ago. Henry and I are going to see if it works and then I'll offer it for sale and we'll see what happens. I'm sure that there is a sucker out there that has more money than brains and will take it off our hands. So let's see how this first one goes and perhaps there will be more to sell. I'll keep you posted.

Remember that I'm selling chances for the Yaesu FT-817 QRP all-band, all-mode transceiver. The sooner that I sell the tickets the sooner the drawing and the sooner that EBARC gets the cash. So come to the next meeting and buy some tickets.

I'm looking forward to seeing you at the March 9th meeting. Remember that the meeting place has changed to the Salvation Army Building in El Sobrante. See you there.

SEE LAST MONTH'S *BLOWN FUSE* FOR DETAILS ON THE TECHNICIAN CLASS STARTING 3/6. FOR INFO. CALL 510-741-8227 OR 510-524-9021.

W6CUS Club Station Report

Ralph Hall, W6EFD

At the last club meeting, I discussed the Red Cross' electric water heater developing a water leak and our bulletin board (BBS) equipment taking a soaking. The water heater is located in the cabinet above our BBS equipment and most of the BBS radios, computer, keyboard, power supply, etc. collected a lot of water in the process.

Concurrent with that episode, the 2-meter packet radio failed, leading to the early conclusion that it quit because of water damage. By odd coincidence, I was logged on the BBS, late at night, when it failed. The following morning, I visited the club station and found the water leaking. Fortunately, the 2-meter radio at operating position No. 3 is identical to the BBS 2-meter radio, so it was a simple matter to substitute the good radio for the bad one until its problem could be found and corrected. The BBS was off the air only for a day or so.

The circuit board in the failed radio was a mess. There was a large area of brownish powder-like residue on one circuit board and another circuit board mounted below it. At first look, the residue appeared to be caused by water standing on the two boards for a length of time. In my opinion, the boards appeared to be irreparable.

Enter maestro Henry (KK6PH), who used a copious amount of pressurized contact cleaner and a brush to clean the boards after which, to my surprise, the boards returned to near normal appearance. Then, with the circuit schematic in one hand, and his oscilloscope probe in the other, Henry traced the problem to a 1 mfd. electrolytic capacitor that was defective. One lead of the capacitor had separated

(rusted?) from the capacitor body just where it exited the capacitor. After replacing the capacitor, the radio worked fine and has been back in its normal BBS service for several days.

Henry suggested that the capacitor may have "exploded" and spewed its electrolyte over the circuit boards causing the brownish residue, rather than by water standing on the circuit board. However, it remains anyone's guess as to whether or not the water leak played a part in any way in the capacitor failing.

The good news is that the Red Cross has now replaced the leaking water heater, the equipment has all been dried out, and all is back to normal.

March Program

Syl Goldberg, W8JSN, 1st V. P.

Hold on to your hats folks! Mike Jones, K6IL, will be our guest speaker and talk about the "Rim Of The World" event in Southern California. This is a very exciting race out in the hinterland, with some fantastic ham radio support. Mike gave us a sneak preview last year, but will now provide us with much more graphic information. *[He needs volunteers! – Ed.]*

Help Wanted:

HT Programming

Clinton Schwarz, KG6EWI, recently earned his Technician license. He has a Radio Shack HTX-200 handi-talkie and needs help programming it. If you can help, please call Clinton at 510-865-4248.

Treasurer's Report

December, 2000

Gordon Parsons, NU6W, Treasurer

DECEMBER INCOME

New Member: K5DKA\$25.00
Regular Renewals: KE6ZWN, WB6PIV,
N6SPY, WA6FDF, KQ6OX, and
W6DEI150.00
Family Renewals: K6UFW/KE6FSO,
KC6FOG/KD6PLM60.00
ARRL Memberships KQ6OX, NU6W, and
C. Schwarz96.00
Total Dec. Income\$331.00

DECEMBER DISBURSEMENTS

Blown Fuse Printing\$28.58
Blown Fuse Postage36.96
Plaque (G. Jones)35.00
W6CUS phone (Pacific Bell)17.54
City of Albany (room rental)45.00
ARRL Memberships81.00
Total Dec. Disbursements\$244.08

BANK OF THE WEST ACCOUNTS

Checking (General Fund)\$2,216.86
Savings (Station Fund*)\$426.25

*\$147.76 loaned from the General Fund.

EBARC Roster Update

- **LATE RENEWALS:** Before you discard your 2000 roster, write information for these folks onto your 2001 roster!
Pat Caftel, KF6HEI, caftel@juno.com
Max Driggs, KF6WXC
Alan Eshleman, K6SRZ
David Jaffe, WA2BHJ
Robert Jenkins, KA6BQF
David Otey, WB6NER

Treasurer's Report

January, 2001

Gordon Parsons, NU6W, Treasurer

JANUARY INCOME

Regular Renewals: KD6SWU, KE6ZFP,
N6ASB, KB6WC, KC6ONS, KE6DYR,
WI6O, WI7YN, K6SEZ, WA6TNI,
KC6JXB, KG6CFS, AB6VB, KC6QZP,
KD6WNM, W6WTJ, N6ABV ... \$425.00
Family Renewals: KF6MVH/KC6VLL,
KF6BYM/KQ6ZL/KF6OFZ,
KQ6QH/KE6ZWN,
W6THD/W6THB,120.00
Station Fund Can7.00
Coffee Kitty Can4.00
Total Jan. Income\$556.00

JANUARY DISBURSEMENTS

Blown Fuse Printing\$36.29
Blown Fuse Postage37.29
W6CUS phone (Pacific Bell)18.06
Albert H. Wohler (equip. insur.)214.30
Seabury & Smith (liab. insur.)329.00
Refreshments (R. Blohm)10.94
Print Crab Feed Tickets (G. Jones) ...36.70
Total Jan. Disbursements\$682.58

BANK OF THE WEST ACCOUNTS

Checking (General Fund)\$2,083.28
Savings (Station Fund*)\$433.25

*\$147.76 loaned from the General Fund.

Want to Upgrade to Extra?

If you'd like to upgrade to Extra, and would like to attend a class in this area to help you, call Henry, KK6PH, at 223-4354. If there are enough students, a class will be held later this year.

"Ode to a Noble Friend"

by Syl Goldberg, W8JSN

(as performed by Syl
at the February EBARC meeting)

A crystal clear night. The moon, full and so intensely bright. And yes, those stars so lush and clear as if I could just pluck them from the sky. All is still and at peace. Oh what a glorious night. I cannot remember one of such beauty as I am in now.

But 'tis not God's work of art that draws me outside. But rather, to catch a glimpse of my glorious Mosley beam atop my house! Oh so radiant in the glow of the moonlight! Your graceful, long-sweeping elements adorn the sky complemented by a sprinkling of stars peeking in the background.

I think of where we've traveled together over the airways. Nearby, around the world. And pray tell, my noble silver friend, what are you hearing this very moment? Shall I leave this idyllic, pristine serenity for the sanctity of the "Wireless Room"? Or perhaps, just linger for a while longer to savor this rare moment?

The bands are dead. I'm freezing my butt off. I think I'll go inside and have a drink.

Web Places for Ham Stuff

John Wood, KF6HFA

<http://www.qth.com/classifieds>

This page is run by a ham and is devoted exclusively to Ham radio.

<http://pages.ebay.com/catindex/electronics.html>
(click on: Radio:Ham)

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Contact Cliff Chiba, KF6EII, 209-835-6715, email larkswap@usa.com.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. on a Sunday. The schedule for the rest of 2001 is Apr. 22th and July 15th. The Oct. 21st session will be rescheduled due to Pacificon. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2001 fee is \$10. For info, call 510-741-8227 or 510-841-7233.
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 - 4/21, Basic Training [W]
 - 5/12, Using Your Radio [C]
 - 9/15, Emergency Dispatch II [S]Pacificon, Working with Public Agencies
 - 11/10, EC/Management Training [C]
 - 12/15, Traffic Handling [W]

Is Amateur Radio Becoming Obsolete for Emergency Communications?

Ken Bourne W6HK

**State of California OES ACS Newsletter
January 29, 2001**

An article in the January 19, 2001, edition of *Amateur Radio Newsline* said, "One of the reasons that hams are called out in

emergencies could begin to disappear in 2006." The article referred to an FCC directive that spectrum be made available that will let disaster relief agencies communicate without the need of third parties. Public-safety agencies are already doing that by means of cellular and PCS telephones, Nextel, Multi-Use Radio Service (MURS) and Family Radio Service (FRS), and some frequencies set aside for mutual-aid communications. The new allocation at 700 MHz would greatly expand such interagency communications.

Radio amateurs must not be discouraged from continued participation in emergency communications. For example, many RACES organizations have shown that handheld SSTV equipment is ideal for on-scene video coverage. Pactor, PSK31, and other new digital modes are ideal for statewide or interstate communications between agencies. Nevertheless, the need is for radio amateurs to consider themselves as part of a reserve communications organization, trained to provide communications on public-safety frequencies, not just amateur radio frequencies. When performing their services for emergency-management agencies, these reserve communicators are actually operating in the expanded Auxiliary Communications Service (ACS) concept, rather than in the restrictive RACES concept that ties them to amateur radio frequencies specified in the agency's RACES plan.

To be more specific about the FCC's directive, on January 11, 2001, the Commission adopted an interoperability standard to ensure effective public-safety communications between different agencies on designated channels in the 700-MHz band. "The Commission has long noted that the inability of different public

safety agencies to efficiently communicate with one another was a concern for the public-safety community."

The Commission adopted Project 25, Phase I as the voice standard for communications on the 700-MHz band interoperability channels, which are channels specifically set aside to allow different public-safety entities to communicate with one another. The Commission also adopted the data standard incorporated in the Project 25 suite of standards for data communications on the 700MHz band interoperability channels. These channels will allow public-safety entities, such as police and fire departments, to send status messages or short E-mails to one another.

Additional details on this FCC announcement may be found at www.fcc.gov/Bureaus/Wireless/News_Releases/2001/nrwl0101.html.

ACS Links/Chats/Lists

CA OES: www.oes.ca.gov

CA OES ACS: <http://acs.oes.ca.gov>

CA OES ACS Coastal Region: www.oes-acs.org

National RACES: www.races.net

ICQ RACES Chat Room: ICQ#40163274
(Sundays, 1000-1200 Pacific Time)

IRC RACES Chat: irc.races.net, #RACES
channel (24 hours)

IRCQ RACES Chat:
www.races.net/ircqchat.html (24
hours)

RACES Mailing List:

www.egroups.com/group/RACES

ACS Newsletters (since 11/6/00) and
EMCOMM Bulletins (since 1/3/00):
www.races.net/sca/archive.html

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John Wood, KF6HFA, President	234-0527
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NET	DAYS	LOCAL TIME	FREQ, MHZ
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Gary, N7GJ, Mgr.
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(800) 444-7927
Phil, N4DRO, Mgr.
Doraville, 1 mi. no. of I-285

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22191
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Mike, KA3TMO, Mgr.
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(Near Boston)
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(800) 444-0047
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sales@hamradio.com
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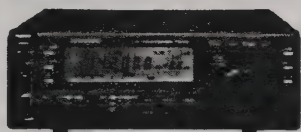
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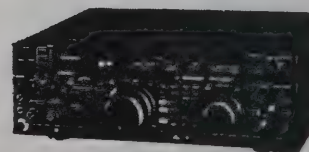


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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LIV NUMBER 4/5

APRIL/MAY 2001

EBARC Meetings

7:30 p.m.

April 13, 2001

"Solar Powered Ham Station"

Mike Fahmie, WA6ZTY

May 11, 2001

"APRS"

Chris Wong, N6JGC



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393

El Cerrito, CA 94530

FIRST CLASS MAIL



POSTMASTER:

Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for June issue: Tuesday, May. 22

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail to aa6xz@earthlink.net]

Y.O.N.E.

Ye Olde Newsletter Editor (Y.O.N.E.) will not be available to produce a separate May issue of the *Blown Fuse*. Therefore, this is a combined April/May issue. A further complication is that my e-mail address is now aa6xz@earthlink.net. EBARC meetings and business will (I trust) continue marvelously in my absence!

New ARRL Awards

Last month the ARRL announced a new set of ham radio awards. Categories are; Best Sound, Best Director, Best Supporting Tower, Best Foreign Contact, Best Fist, and (of course) Best Ham. Winners are voted on by all ARRL members, and receive a golden Hiram statuette. Gaudy attire and short acceptance speeches are required at the April 1st gala awards show.

Message from the President John Wood, KF6HFA

March has been a very busy month for me. As you may remember, Henry, Sharon and I are going to participate in the 2001 Baker to Vegas race, a foot race across the Mojave Desert in southern California from the little town of Baker, CA to Las Vegas, NV. We are not actually competing, we will be supporting the team of runners by being communicators and assisting the support team in getting the job done. The race is a relay race (6 miles per team member) and is about 140 miles long. In past years, the asphalt temperature has been as high as 140 degrees F, and there was snow in the surrounding hills where the repeaters are sited. It looks like a lot of fun so long as I don't have to be one of the runners. By way of preparation, Henry and I have been going to a garage in Pacifica where the repeaters are being built, tested and prepared for the ride to Baker April 2nd.

In addition, I've been building an APRS tracker box (a 2 meter radio, TNC and GPS receiver intended to periodically report the global position of the vehicle in which it is riding.) As usual, it initially didn't work and so after many trips to the GURU in Fremont, I'm happy to report that it is doing its beaconing just fine. If you have an APRS system, tune it to the national APRS frequency of 144.390 and see if you can find my vehicle. It's using a callsign of KF6HFA-9.

There is a Technician Class being given, which I'm helping to teach. It looks like we may have about ten new hams sometime in May. It will be my first time acting as a VE.

Because of the race, Henry, Sharon and I will miss the April officer's meeting but we'll be back in time for the general meeting.

W6CUS Club Station Report

Ralph Hall, W6EFD

The club extends a big THANK YOU to Tom Trischan (N6AVB) for donating to EBARC a 386/66 computer, 14-inch monitor, keyboard and mouse. The outward appearance of the equipment would suggest that these items were all kept in their original shipping cartons when Tom owned them. Tom has been a member of EBARC for many years and has made much appreciated contributions in years gone by when the club's packet BBS gave us technical problems. Tom also owns and operates SK3ND (a packet node) at his home high in the El Sobrante hills, through which people in outlying or weak signal areas can connect to EBARC's BBS.

With the help of Roger (KE6SZG), the computer's hard drive was formatted in order to give the computer a "fresh start." Then, DOS 6.22 and Windows 95 were loaded on its hard drive, and a donated CD drive was installed to add to the computer's utility.

THANKS TOM! THANKS ROGER!

Some of the ideas for use of the new computer include field day logging, a backup for the BBS computer (with the BBS software always loaded in and ready for use), and adding both APRS and PSK31 to the club's communications capabilities. These are only ideas at this time, and the subject will be brought before the Executive Committee for discussion before any firm decisions are made. Ideas from club members would be welcome.

Otherwise, all is well at the club station.

Treasurer's Report

February, 2000

Gordon Parsons, NU6W, Treasurer

FEBRUARY INCOME

Regular Renewals: KF6HEI, KB6LHR,
WA6ZFY, KF6KWJ, WB6NER,
WA2BHJ, K6SRZ, KF6WXC, KA6BQF,
K6VOE, K6LHP, N6PIX, KK6UZ,
KF6HEN, KE6ZWO, KD6JCT,
KG6AEE, WA6KCP \$450.00
Family Renewals: KD6OKJ/N6MNL,
KE6MSF/KE6SZG/KE6VQI 60.00
Crab Feed Ticket Sales 1,725.00
Raffle Ticket & Soda Sales 419.00
Station Fund Can 3.00
Coffee Kitty Can 7.00
Raffle Ticket Sales 5.00
Total Feb. Income \$2,669.00

FEBRUARY DISBURSEMENTS

Blown Fuse Printing \$23.32
Blown Fuse Postage 38.42
Postcards (S. Primbsch) 6.20
Prizes (G. Jones) 33.72
W6CUS phone (Pacific Bell) 16.10
Postmaster (P.O. box fee) 45.00
Crab Feed Food./Sodas (KC6VLL) 1,183.11
Church Rental 250.00
Total Feb. Disbursements \$1,595.87

BANK OF THE WEST ACCOUNTS

Checking (General Fund) \$2,504.94
Savings (Station Fund*) \$1,074.72

*\$147.76 loaned from the General Fund.

We had a successful crab feed, as we made a profit of \$640.47!

EBARC's former 2nd VP Bob Blohm, KE6ZWO, has moved and is travelling. We now need a new 2nd VP. If you're interested in serving, contact John Wood at 234-0527 or john@otherlife.net.

General Meeting Minutes

February 9, 2001

"Burgie" Jones, KE6MSF, Secretary

The meeting was called to order by President John at 7:30 p.m.

Ralph W6EFD: Packet radio went down apparently because of a water leak at the club station. There are many hams that are using the bulletin board.

Henry KK6PH: On 3/6 a new class for technicians will begin 7-9 p.m.

Gordy, NU6W, did not have treasurer's report ready.

We will be giving a donation of \$100 to the Salvation Army now and later in the year once or twice also.

April Program

Syl Goldberg, W8JSN, 1st V. P.

Getting a little iffy about your electricity? Blackouts cramping your style a bit? Well come join us at the next meeting to hear from Mike Fahmie, WA6ZTY. He'll tell us all about his solar/wind-powered ham shack. Mike's presentation will include slides showing all of the interesting details.

May Program

The May EBARC program will *probably* be presented by Chris Wong, N6JGC. He'll talk about APRS. [Editor]

Intoxication: Euphoria about getting a tax refund, which lasts until you realize it was your money to start with!

Treasurer's Report

March, 2001

Gordon Parsons, NU6W, Treasurer

MARCH INCOME

Raffle Ticket Sales \$13.00
Balance of Membership Dues (A13X) .. 5.00
Total Mar. Income \$18.00

MARCH DISBURSEMENTS

Refreshments (R. Blohm) \$13.49
Badges (J. Lee) 17.28
Pacific Bell (W6CUS) 16.04
Total Mar. Disbursements \$46.81

BANK OF THE WEST ACCOUNTS

Checking (General Fund) \$2,463.13
Savings (Station Fund*) \$1,087.72

*\$147.76 loaned from the General Fund.

I filed for an extension of time for the club tax report (which will be due in September of this year). We normally do not pay income taxes, but we must submit corporate tax reports each year, just the same.

Remember to feed the kitty!

Support the Grizzly Peak Century Bike Ride

On Sunday, May 6th, is the all-day Grizzly Peak Century bike ride. Communicators are needed to ride in the SAG wagons and in the supply truck, and to man the several rest stops. We can help provide a safe environment for the hundreds of bike riders who will be participating in the ride. If you can help us and you have a 2 Meter HT or Mobile rig, please call the ham coordinator, Valerie Colber, KE6DYR, (925).254-0868.

General Meeting Minutes

March 9, 2001

"Burgie" Jones, KE6MSF, Secretary

The meeting was called to order at 7:35 p.m. by President John, KF6HFA.

Bob Blohm, KE6ZWO resigned his position of Second VP. He and his wife will be leaving soon, if not already. They have sold their home and will be travelling. We will miss you Bob. You thank both for the goodies you provided us this year.

Ron Smith, K6RS, and Burgie Jones, KE6MSF, received a 2000 award medallion from EBARC. Thank you very much for the high honor.

All RACES members who were at the meeting were sworn in by Cliff Warrick.

Mike Jones, K6IL, was our speaker for the evening.

Secretary left for the evening at 9:00 p.m. during the program.

West County April RACES Training

This month the county RACES training will be held here in West County on April 21st at the Salvation Army building at 4600 Appian Way in El Sobrante. As usual, the class will be from 9 a.m. to 12 noon, and the subject will be Basic Training. This will be an opportunity for anyone who wants to become a RACES member to show up take the training and fill out a membership form. This will enable you to be useful during the major earthquake that is going to happen sometime in the future. Please consider attending, as we always need more experienced and trained communicators.

RACES City Emergency Coordinators Needed for West County Cities

There is a reorganization going on in RACES which will make each city's Emergency Coordinator (EC) the initial contact person for that city's disaster personnel. Here in West County, we have several cities that have no EC and a couple in which the current EC can no longer provide the function. If you are a RACES member and would consider becoming a city EC, please call Rich Parker (510) 327-2777 or John Wood (510).234-0527.

Field Day is June 22-24th Henry Primbsch, KK6PH, Field Day Chair

Volunteers are lining up for this year's Field Day. We have a few team captains and other roles filled, but we always need lots of help! Jamie Wasson, AB6WJ, is trying to get permission to use Cesar Chavez Park in Berkeley again.

This is the last year Novice stations are allowed under existing rules. However, EBARC has very few Novice or Tech+ members, so we should discuss whether we should have a Novice station this year.

There are a few rules changes for this year. Up to 3 non-traditional modes can be used, for 100 points each. Examples are; portable packet network with a portable digipeater, APRS, ATV, and SSTV. For a satellite contact, we'd also get a 100 point bonus. Also, if an invited representative of government or an agency served by ham radio visits Field Day, it's worth a 100 point bonus. Let's get all the bonus points!

EBARC Roster Update

- **NEW ADDRESS:** Bob Blohm, KE6ZWO, has moved to 935 Gull Ave., Foster City, CA 94404. His previous phone number is no longer valid.
- **NEW E-MAIL:** Tom Trischan, N6AVB, has tomN6AVB@netscape.net as his new e-mail address.
- **NEW E-MAIL:** Sharon Primbsch, AA6XZ, can now be reached at aa6xz@earthlink.net

Help Needed for the "Rim of the World" Auto Rally

Mike Jones, K6IL, spoke to us last month about the "Rim Of The World" event in May in Southern California. He asked that we solicit volunteers from EBARC. Send the following information to him at 4141 East Avenue S10, Palmdale, CA 93552.

- Name
- Mailing address
- Phone
- e-mail address (if any)
- Equipment - Provide lots of details on; transceivers (bands, base, mobile, HT, power), antennas (omni, beam, model, gain), and other stuff (packet, APRS, repeater, etc.)
- Vehicle make and model
- Do you mind driving on dirt roads?
- Availability (Friday evening/night, Saturday day, Saturday evening/night, entire rally)
- If available Friday evening, how early can you arrive at the rally?
- Is there anyone you'd like to work with?
- Is there any stage you would prefer?
- Job Preferences (stage start, blockage, stage finish, net control, VIP/Press

escort, sweep vehicle, packet, stage info. coord., rally information)

- T-shirt size (S, M, L, XL, XXL, XXXL)
- You can call Mike at (661) 285-1595.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Contact Cliff Chiba, KF6EII, 209-835-6715, email larkswap@usa.com.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. on a Sunday. The schedule for the rest of 2001 is Apr. 22th July 15th, and Oct. 28st. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2001 fee is \$10. For info, call 510-741-8227 or 510-841-7233.
- RACES 2001 Training Schedule [location C=Central, E=East, W=West, S=South county]:
4/21, Basic Training [W]
5/12, Using Your Radio [C]
9/15, Emergency Dispatch II [S]
Pacificon, Working with Public Agencies
11/10, EC/Management Training [C]
12/15, Traffic Handling [W]
- Sonoma Hamfest: Saturday, April 28, 2001, 8 a.m. to noon, Sonoma Veterans' Memorial Building, 126 First St. West. Swap meet, breakfast, ARRL-VE test session. Talk-in 145.35(-) PL 88.5

Sarcasm: the gulf between the author of sarcastic wit and the person who doesn't get it.

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(800) 444-9476
Gary, N7GJ, Mgr.
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(800) 444-7927
Phil, N4DRO, Mgr.
Doraville, 1 mi. no. of I-285

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22191
(703) 643-1063
(800) 444-4799
Mike, KA3TMO, Mgr.
Exit 161, I-95, So. to US 1

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(603) 898-3750
(800) 444-0047
Chuck, KM4NZ, Mgr.
sales@hamradio.com
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- 100W. Power supply built-in

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LIV NUMBER 6

JUNE 2001



EBARC Meeting

June 9, 2001
7:30 p.m.

"Field Day Planning"
EBARC Members



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

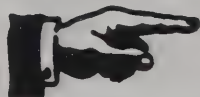
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393

El Cerrito, CA 94530

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for July issue: Tuesday, June 26

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail to aa6xz@earthlink.net]

Message from the President John Wood, KF6HFA

The public service season is nearly over for me. I just concluded two bike rides, the Grizzly Peak Century 100 mile ride here in the Berkeley area on May 6th and the 200 mile Davis Double Century in Davis on May 19th. Both rides used APRS as well as 2-meter communications. It was a great time. These are wonderful opportunities to practice net communications as well as having to make on-the-spot decisions such as would occur in a real emergency. I highly recommend it to everyone. (Greetings to ex-president Roger, KE6SZG. Yes, it was me in that ratty Toyota in Vallejo. I was coming home from the DDC.)

We still do not have a person for the club who will be responsible for bringing the goodies to the EBARC meetings. Perhaps if we let a few meetings go by without any cookies, etc. someone will volunteer. I hope so. Otherwise, why have a break in

the meeting? As those of you who attended the last meeting know, we have cookies for the next couple of weekends (courtesy of the Grizzly Peak ride folks). If someone wishes to provide a few bottles of soda (at club expense) for the next meeting please coordinate with me. I have a 2 liter bottle of Pepsi left over which I'll bring. *[We'll also need cups (from the club station) and ice. - Ed]*

Back to public service for a moment: there will be a 20 mile hike for Boy Scouts on June 2nd. There are openings for morning and afternoon shifts. It's pretty easy duty. You can drive to the place where you will watch for the hikers and report their troop number and the number of walkers. Take a chair and a book and have a good time. Lunch (hamburgers and hot dogs with trimmings) will be served in Tilden Park for any participants. You will also get a Boy Scout merit badge that is suitable for attaching to your club jacket. You will also have the thanks of the Scouts for helping to guarantee their safety. If you are interested in helping, please call Rich Parker at 237-2777.

Henry, KK6PH, will be offering a class for Extra Class Amateur licenses in the Fall. We will coordinate with the West County Adult Education folks and will be able to use a real classroom. The dates aren't known yet, but I would like to begin making a list of people who want to attend. Obviously, the class will be free, the text is *The ARRL Extra Class License Manual* available for \$19 at HRO, and the test costs \$10. Henry hasn't told us how many class sessions we will have, but I think it will have to be less than 12 to be compatible with the school quarter system. So if you wish to be on the list for attendance (there will be a maximum but I don't know what it is yet), be sure to give me a call leaving

your name, call sign and phone number. You will be notified when the details are better known.

Finally, I want to make an appeal for attendance at Field Day. We will again be at Cesar Chavez park in Berkeley and the dates are Friday afternoon, June 22nd until late morning Sunday, June 24th (or any part thereof). It's a great time and the fellowship is wonderful. Do turn out and support your club's effort.

Well, that's it for another month. See you in June for the club meeting and later for Field Day.

W6CUS Club Station Report

Ralph Hall, W6EFD

Occasionally some things do go right. The club has upgraded its "arsenal" of test equipment in a recent oscilloscope trade. For years, the club has had a 30 MHz, dual trace 'scope which, in earlier years when the emphasis was on HF, was probably adequate for the club's needs.

In more recent years, the club has placed more emphasis on the VHF/UHF bands where much of the disaster-related communications are handled. This means that we have a generous complement of VHF/UHF equipment which, by design, uses higher frequency circuitry, much of which is beyond the capability of the 30 MHz scope. Several times in recent months, I have watched Henry (KK6HP) "struggle" with the 30 MHz 'scope while servicing the higher frequency circuitry encountered in defective VHF equipment. NOT GOOD!!!!

The opportunity recently arose to trade the club's 'scope for a dual trace 100 MHz 'scope wherein both parties to the trade, each for its own reasons, would benefit. The proposed trade was brought before the Executive Committee, was approved, and the trade was made. While perhaps not the ultimate 'scope for the club's needs, it will certainly be a significant improvement over the 30 MHz 'scope and will provide Henry with a substantially more capable instrument.

Otherwise, at the club station, all is well. The packet BBS is working surprisingly well, and has not "crashed" (except for the Red Cross water heater leak episode) in many months. Access to the club station for members remains available as in the past. As compared to the majority of other amateur radio clubs, we are blessed with a very good club station, which is well equipped. We would like to see more members using the club station equipment.

Field Day is June 22-24th

Henry Primbsch, KK6PH,

Field Day Chair

Time is chugging right along like a freight train, and it's bringing Field Day. With less than a month left, planning is happening. We have a site (Cesar Chavez Park, Berkeley, same as last year thanks to Jamie Wasson, AB6WJ), and many have volunteered already. So far we have:

- Security, Rich Parker, KD6JCT
- Messages, Joe Lee, W6DOB
- CW Captain, Alan Eshleman, K6SRZ
- UHF/VHF Captain, John Wood, KF6HFA
- Power, Stanton Gleason, KD6SWU

- Transportation, Stanton Gleason, KD6SWU and Bob Szentimry, W6WTJ
- Novice/Tech Captain, Sam Watson, N6VIF
- Food Captain, Fred Nieman, KC6VLL
- Solar Power: Henry Primbsch, KK6PH
- Club Station Loadmaster, Ralph Hall, W6EFD

Many thanks to these volunteers!

There are still some fun, important positions to be filled, as follows:

- SSB captain (in case John Percival, WI6O can't make it)
- Publicity captain (**soon!**)
- Antenna captain
- A software person for computer logging
- Someone who wants to make a satellite contact (it's worth 100 points!)
- Operate a portable packet network with a portable digipeater (100 points)
- Demonstrate APRS (100 points)
- Demonstrate SSTV (100 points)
- Convince a representative of government or an agency served by ham radio to visit our Field Day (100 points)
- A greeter to count ARRL members (for our message), keep the visitor's log, and pass out literature
- "Operators" for an audio, non-transmitting, code oscillator to demonstrate CW to the public (there's an associated publicity handout)

I can do some of these tasks myself, but if I have too much fun, I might hurt myself, so please contact me at 741-8772 if you want to share in the fun.

Come to the June meeting, where we'll finish our planning. When you come to Field Day, dress in layers, bring a hat and sunblock, be sure to sign in, and be prepared for camaraderie and fun!

Treasurer's Report

April, 2001

Gordon Parsons, NU6W, Treasurer

APRIL INCOME

ARRL Renewals: W6KNO, KG6CFU,
KG6ATH, N6PIX \$93.75
New Member: Vic Bull,
KF6RIP (2 yrs) 50.00
Silent Auction 6.00
Total Apr. Income..... \$149.75

APRIL DISBURSEMENTS

Blown Fuse Printing (Mar.) \$37.58
Blown Fuse Postage (Mar.) 34.34
Pacific Bell (W6CUS) 16.01
Total Apr. Disbursements..... \$87.93

BANK OF THE WEST ACCOUNTS

Checking (General Fund) \$2515.96
Savings (Station Fund*) \$1093.72

*\$147.76 loaned from the General Fund.

I have filed for an extension to have more time to prepare the income tax report for the IRS and State. Deadline is Sep. 15.

General Meeting Minutes

April 13, 2001

"Burgie" Jones, KE6MSF, Secretary

The meeting was called to order by President John, KF6HFA, at 7:30 p.m.

We are still in need of a 2nd Vice President (refreshment chair). If you are interested, please volunteer. There are only 6 more meetings left to bring goodies. December is our Christmas party. Refreshments are brought by all.

FIELD DAY: Henry, KK6PH, says we are still looking for volunteers for Field Day. If

you are interested, please contact him. There are several different openings, including food, software, and publicity. About 6 people expressed an interest in building APRS kits at Field Day.

EDUCATION: Henry, KK6PH, reported that there were 5 people in the Ham class that just finished and took their tests and 5 passed. Congratulations!

TREASURER: Gordy, NU6W, said no report is available.

President John reports that we will have a booth at the Solano Stroll this year. It is held the first Sunday after Labor Day. We hope all you Hams will come out and bring your family and friends with you. We will also be at the El Sobrante stroll. We may not have a booth, but we will be doing traffic control.

Will Senior, K6SEZ, brought equipment donated to the club by Nancy Stout, the wife of silent key Ray Stout, K6MFF. The equipment was sold to club members for \$55.75, which was a donation to EBARC. John Wood will send Mrs. Stout a thank-you letter.

EBARC Roster Update

- **NEW MEMBER:** John Gehling, KG6GMA, is a newly-licensed Technician. He lives at 611 Norvell St., El Cerrito, CA 94530. His phone is 510-524-3809. He likes NEAT, photography and stamp collecting.
- **NEW MEMBER:** Sierra Boyd, KG6GLZ, is also a newly-licensed Technician. Her address is P.O. Box 40171, Berkeley, CA 94704-4171, and her phone is 510-843-9444.

- **NEW MEMBER:** Vic Bull, KF6RIP, holds an Extra license and lives at 2417 4th St., Berkeley, 94710-2403.
- **RESTORED CALL SIGN:** Vern Orme has call sign AA6YE again.

Treasurer's Report May, 2001 Gordon Parsons, NU6W, Treasurer

MAY INCOME

New Members: Sierra Bond, KG6GLZ;
John Gehling, KG6GMA..... \$50.00
ARRL Renewal: K3MND..... 34.00
Silent Key Sale (K6MFF)..... 55.75
Total May Income..... \$139.75

MARCH DISBURSEMENTS

ARRL Renewal: K3MND..... \$32.00
Blown Fuse Printing/Postage
(Apr/May issue) and Roster 184.39
Total May Disbursements \$216.39

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$2,386.56
Savings (Station Fund*) \$1,149.47

*\$147.76 loaned from the General Fund.

Thanks to Will Senior, K6SEZ, for bringing the silent key items that were sold to interested buyers at the May meeting. EBARC made a few dollars from them.

Future Bay Area Events

- EBARC Field Day, June 23-24th (setup noonish on the 22nd). Cesar Chavez Park, Berkeley, at the marina. For info, call 741-8227.
- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045

MHz. Contact Cliff Chiba, KF6EII, 209-835-6715, email larkswap@usa.com.

- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. on a Sunday. The schedule for the rest of 2001 is July 15th, and Oct. 28st. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2001 fee is \$10. For info, call 510-741-8227 or 510-841-7233.
- RACES 2001 Training Schedule
[location C=Central, E=East, W=West, S=South county]:
9/15, Emergency Dispatch II [S]
Pacificon, Working with Public Agencies
11/10, EC/Management Training [C]
12/15, Traffic Handling [W]

ARRL Pacific Division Update (excerpts from the June 2001 issue) **Jim Maxwell, W6CF, Director** **Pacific Division, ARRL**

• ARRL Executive Committee Reviews Preliminary 5 MHz Band Petition

Meeting May 5 in Dallas, Texas, the ARRL Executive Committee reviewed a preliminary draft Petition for Rule Making seeking a new US ham band in the vicinity of 5 MHz. Experimental operation in that part of the spectrum, under a license issued to the ARRL, has been going on since 1999.

The Executive Committee agreed that the petition should seek a domestic secondary allocation around 5 MHz for the Amateur Service with a bandwidth of 150 kHz.

Executive Committee members will review the completed draft petition before it's filed with the FCC, possibly before the next ARRL Board meeting in July.

Participants in the ARRL WA2XSY experimental operation on 5 MHz have established that an allocation at 5 MHz could improve emergency communication capabilities by filling the gap between 80 and 40 meters. An amateur allocation in the vicinity of 5 MHz long has been an objective of the International Amateur Radio Union.

Winning an allocation at 5 MHz—even on a domestic basis—could take several years. Securing an international allocation will be more difficult and take even longer. Consideration of an allocation at 5 MHz is not on the agenda for WRC-03 nor on the preliminary agenda for WRC-05/06.

• PRB-1 Actions

Also at the recent ARRL Executive Committee meeting ARRL General Counsel Chris Imlay, W3KD, reported that the ARRL's Application for Review that seeks to clarify the FCC's PRB-1 limited preemption policy with respect to amateur antennas is pending before the full Commission. The ARRL wants the full Commission to review—and reverse—an FCC staff decision declining to extend PRB-1 coverage to include CC&Rs—(covenants, conditions and restrictions). The EC agreed to request an *en banc* presentation to the full FCC this fall, after new Commission appointees are seated.

Innoculate: To take coffee intravenously when
you are running late

Giraffiti: Vandalism spray-painted very,
very high

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership and \$30 for a family membership. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2001 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

John Wood, KF6HFA, President	234-0527
Syl Goldberg, W8JSN, 1st VP - Program Chair.....	528-1304
2nd VP - Hospitality Chair	
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...	785-4290
Gayle "Burgie" Jones, KE6MSF, Secretary	222-3672
Ralph Hall W6EFD, W6CUS Trustee / Club Station Manager	232-0727
Henry Primbsch KK6PH, Education / Field Day Chair.....	741-8227
Adah Fryman, KF6IHW, Social Committee Chair.....	232-1934
Carl Hill, KG6AEE, Publicity Chair?.....	223-7459
Joe Lee W6DOB, Awards Chair?	724-0533
Packet & Digital Committee Chair.....	
RFI Committee Chair	
Historian	
Member-at-Large	
Member-at-Large	
Member-at-Large	

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " " "	"	"	147.57s
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Elmers Net	Thurs	2000 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

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(800) 854-6046
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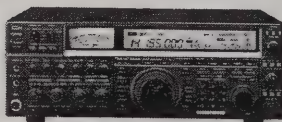
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- 20W 2 Meters
- Slots for two optional filters

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DJ-S41T/DJ-S11T

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- Encode built-in
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and 2 1/4" wide (DJ-S41T)

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LIV NUMBER 7

JULY 2001



EBARC Meeting

July 13, 2001
7:30 p.m.

"Little Satellites for
Education and Fun"
Prof. Robert Twiggs

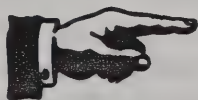


The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Aug.issue: Tuesday, July 24

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail to aa6xz@earthlink.net]

Message from the President John Wood, KF6HFA

Well, Field Day 2001 has come and gone. A good time was had by all. There were lots of contacts made and the conversation around the food table was scintillating as usual. Those of you who didn't make it missed a good time. Perhaps next year.

Henry and I are attempting to fix a Tempo 2020 transceiver that was given to the club. When we get it working we will either sell it on eBay to benefit the club's treasury or will consider installing it in the Salvation Army's radio room. Its receiver has a minor problem in the audio circuit and we are attempting to extricate the bug. Time will tell.

Finally, I want to encourage everyone to attend the next meeting at which the speaker will be Professor Twiggs of Stanford. He has a program that encourages high school and college

students to design, build and launch miniature earth satellites and to use the ham frequencies to monitor the experiments that are flying on the birds. I've invited all the science and math instructors from the local high schools to attend the lecture and hopefully we can create a working relationship with the schools to support the effort. Perhaps someday soon there will be an article in the newspaper announcing that West County students have launched their own satellite and EBARC was involved.

Tickets for the TM-817 radio are going slowly. I need to spend more time out among the other clubs. If you haven't bought a ticket yet and intend to, please come to the meeting and do so.

That's it for another month. I hope to see you all at the meeting to hear Professor Twiggs.

General Meeting Minutes June 8, 2001 Midge Wood, Acting Secretary

The meeting was called to order by President John, KF6HFA, at 7:33 p.m.

Bob Woodworth, KG6ATH, as been nominated to fill the empty 2001 2nd Vice President position. Further nominations and the election will be held at the July general meeting.

Bob Garfat says he doesn't know yet if he can get the Salvation Army canteen truck for us to use at Field Day. John Wood gave Bob an official request letter.

There *will* be an EBARC executive board meeting in July. Members are welcome.

John Wood reported that a 15-year-ex-ham donated a Tempo transceiver to the club.

John Wood also reported that Gerry White fell, and has skinned knees and that Ken Horne had a not-too-serious heart attack several days ago. We wish them well.

Syl Goldberg announced that July's speaker is Prof. Twiggs about ham radio in space. John Wood will invite local school science teachers to attend.

Syl Goldberg announced that EBARC will have a booth this year at the Solano Stroll on September 9th. We need volunteers!

John Wood will sell more raffle tickets for the TM-817 QRP all-band, all-mode transceiver after the meeting.

Ralph Hall requested the donation of a small screen TV that can be mounted in a corner of the club station so media broadcasts can be monitored in emergencies.

John Wood says we received a thank-you letter for our help with the Boy Scout Walk.

Chris Wong reported that the slides from his APRS presentation are on the web site.

EBARC thanks all who helped with the recent Technician class at Alvarado School; Henry Primbsch, Ivan Sturman, Dar Thompson, Bob (Tex) Woodworth, and John Wood. Kip Meader and Doris Todd helped at Kensington School. At the associated test session, 5 of seven passed.

The May general meeting minutes were approved as printed in the *Blown Fuse*.

John Wood is collecting names of those who wish to take a Fall class (at Alvarado School) for upgrading to Extra.

Gordy Parsons read the May Treasurer's report as printed in the *Blown Fuse*.

Henry Primbsch led the discussion for Field Day.

Meeting adjourned at 9:10 for the raffle.

Treasurer's Report June, 2001

Gordon Parsons, NU6W, Treasurer

JUNE INCOME

New Member: Erik Swanson, KG6GOP	\$25.00
Silent Key Sale (K6MFF)	50.00
Coffee Kitty (March)	12.00
Coffee Kitty (June)	8.00
Raffle Ticket Sales	17.00
Total June Income	\$112.00

JUNE DISBURSEMENTS

Blown Fuse Printing	\$37.58
Blown Fuse Postage	36.38
Membership Application Printing	3.45
Paint for W6CUS (R. Hall)	26.61
Solano Stroll fee (S. Goldberg)	55.00
Pacific Bell (W6CUS)	16.27
Total June Disbursements	\$175.29

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$2,332.88
Savings (Station Fund*)	\$1,139.86

*\$147.76 loaned from the General Fund.

John Percival, W16O, sends his greetings. He spent Field Day with his Simi Valley club (W6SVS, 4B SB). He may be with us to do SSB for Field Day 2002.

July Meeting Program **Syl Goldberg, W8JSN, 1st V. P.**

Our July program will be literally out of this world---Professor Robert Twiggs of the Space and Aeronautics Department at Stanford University is our invited speaker. His presentation is entitled *Little Satellites for Education and Fun*. The following is a direct quote from Prof. Twiggs:

"Want to build your own satellite and get it launched into space? Too technically complex? Too expensive? Not now! Programs are now underway to build very simple spacecraft by starting very small with a Cricket Satellite (built in a 35mm film can), making a little bigger-a CanSat (built in a Coke can) and finally building a CubeSat (built in a 4 inch cube) for real space launch.

"How do you start? First save your 35mm cans, coke cans and any old 4 inch boxes like a Beany Baby box and with ham experience, you are a satellite maker. This presentation will show you some of these devices and discuss ways for your ham club to get into the satellite business. It brings new, young members to your club."

This will certainly be one of the highlights of this year's programs, and you certainly don't want to miss it. Please feel free to invite non-EBARC members to join us.

EBARC Volunteer Examiners at Kensington School

The stars of May's Kensington School Technician test session were four relatively new EBARC volunteer examiners; John Wood, Ivan Sturman, and Greg Small.

Kensington School teacher, Ms. Jean Stenquist, and Ivan Sturman are to be congratulated for spending an hour per week for an entire school year at Kensington School preparing 4th – 6th grade students for their Technician test. Kip Meader, Ken Horne, and Doris Todd also helped proctor. Two of five students received their licenses (as did 2 adults).

APRS Talk Follow-up **Chris Wong, N6JGC**

Delorme Earthmate Protocol

Following up on a question asked during the APRS presentation at May's club meeting, I confirmed that the Tiny Track will not accept the Delorme Earthmate directly. A translator must be built to take Rockwell binary protocol and turn it into NMEA 0183 output. Byonics also supplies the converter for those wishing to go this route.

<http://www.byonics.com/>

Be sure to include all the cables, converters and adapters in your analysis of GPS options before purchase. You may end up spending more than you wished in order to complete your APRS setup.

APRS Resources

<http://www.byonics.com/>
<http://www.tapr.org/tapr/html/gpsf.html>
<http://www.aprs.net>
<http://wes.johnston.net/aprs/>
<http://www.gpsresource.com>
<http://www.delorme.com>
<http://www.pocketaprs.com>
<http://www.garmin.com>
<http://www.magellan.com>

Field Day 2001 Report

Henry Primbsch, KK6PH

Field Day went smoothly. The score isn't in yet but should be quite high this year due to the outstanding efforts of all those who participated. Many thanks go to the following: Jamie, AB6WJ for acquiring the park; Dolores, KG6CFS and Mark, KD6AGA for accepting the proclamation from the City of Richmond; Bob, KF6GLE for supplying the Salvation Army canteen vehicle and posing for those extra 100 points; Fred KC6VLL, Audrey, KF6MVH, and Barbara, KD6OKJ, for using the canteen and keeping us fat and happy; Rich, KD6JCT, Alex, AI3X, Chris, N6JGC for security and keeping us in line; Bob, W6WTJ and Stanton, KD6SWU for hauling all of that stuff; and Stanton for an outstanding job in keeping power flowing smoothly and doing whatever needed doing; "Tex", KG6ATH for antenna magic and knotsmanship; and Joe, W6BOB for handling messages for extra points. Many thanks also to Syl, W8JSN, Chris, N6JGC, John WD6GGC, and Adah, KF6IHW for manning the publicity tent, APRS demo, duping in the novice tent and helping where needed. The team captains were: Alan, K6SRZ for CW, Greg, AD6OO for SSB, John KF6HFA for VHF-UHF and Sam N6VIF for Novice. Many thanks for **everyone's** outstanding efforts. The only score I have so far is CW; 1105 QSOs. Thanks to Sharon's Novice tent efforts, several new hams made their first contacts.

Appreciative Boy Scouts

[The following is a letter from Don Scott, Founder, Fages II 20-miler, Mt. Diablo Silverado Council, Boy Scouts of America.]

Dear East Bay Amateur Radio Club:

Twice a year for the last 9 years, the Boy Scouts of America have staged a 20-mile day hike in Tilden Park and Wildcat Canyon. The hiker counts have ranged anywhere from 44 to 118, and units have come from as far north as Clear Lake & as far south as Santa Cruz. The hike/trail offers many opportunities for wrong turns and possible misplaced hikers. Also the weather has been a factor on several occasions. We have had one heat-exhaustion situation occur on one of the June stagings. And we have been rained on heavily twice on two of our October stagings. (Last October, I actually had to call the hike off mid-stream at lunchtime due to heavy rain). And of course, not everyone who attempts The Fages II ... "The Toughest '20' This Side Of There" can make the full 20-miles in the first place, even in fair weather. With our 18th staging just completed on June 2, 2001 we have now had over 1000 hikers complete the full 20 miles with an 89.0 % completion rate. Whatever the situation, SAFETY and COMMUNICATIONS have always been absolutely essential for this event.

When we first started in 1992, we monitored the hike with CB Radios, which weren't too much help in the hills. Later we graduated to using Motorola FM Radios which had far greater range but still had trouble with line-of-sight issues. And then finally on one historic scout meeting night circa 1995, a Scouter (Rick Taft) who happened to also be of the Ham persuasion, overheard our conversation about the Fages II 20-miler. He suggested that night that we just might want to contact a guy by the name of Rich Parker.

And ever since, the Fages II 20-miler has been monitored by you fine folks. You

have been absolutely wonderful, and it's not just the fact that the darned communications technology works superbly. We are also absolutely grateful for the real people who are the voices & minds on the other end of each & every communication transmission throughout the day, and before the fact. Looking back, it is very hard to imagine how we managed this hike without you.

The Scouts & Scouters on-board for the 18th staging of the Fages II 20-miler (June 2, 2001) would most sincerely like to thank Rich Parker (KD6JCT... Net-Control), John (KF6HFA), Chris (N6JGC), Ken (KE6ZWN), Henry & Sharon (KK6PH & AA6XZ), Kip (K6KOP), Alex (AI3X) and of course Stanton (KD6SWU... our ever-vigilant Hike Sweep). And I would also like to add my personal words of thanks and appreciation to these absolutely fine folks also, as well ... for this staging & before.

Please keep up the wonderful work that you do, and please take care, all.



Stanton Gleason, KD6SWU, "Hike Sweep"

EBARC Roster Update

- **NEW MEMBER:** Erik Swanson, KG6GOP, has a Tech ticket, and lives at 329 Coronado St., El Cerrito, CA 94530. His phone is 510-526-4763. erik@theswansons.net is his e-mail address. He likes CW, SWL, DX and radio electronics. Other hobbies are rock climbing, computers, and pets.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Contact Cliff Chiba, KF6EII, 209-835-6715, email larkswap@usa.com.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. on a Sunday. The schedule for the rest of 2001 is July 15th, and Oct. 28st. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2001 fee (and retest fee) is \$10 each. You must have proper photo identification and Social Security number (or FCC ID). For info, call 510-741-8227 or 510-841-7233.
- RACES 2001 Training Schedule
[location C=Central, E=East, W=West, S=South county]:
9/15, Emergency Dispatch II [S]
Pacificon, Working with Public Agencies
11/10, EC/Management Training [C]
12/15, Traffic Handling [W]

[Photo courtesy of Chris Wong, N6JGC]

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership and \$30 for a family membership. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2001 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

John Wood, KF6HFA, President	234-0527
Syl Goldberg, W8JSN, 1st VP - Program Chair.....	528-1304
2nd VP - Hospitality Chair	
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...	785-4290
Gayle "Burgie" Jones, KE6MSF, Secretary	222-3672
Ralph Hall W6EFD, W6CUS Trustee / Club Station Manager	232-0727
Henry Primbsch KK6PH, Education / Field Day Chair.....	741-8227
Adah Fryman, KF6IHW, Social Committee Chair	232-1934
Publicity Chair.....	
Joe Lee W6DOB, Awards Chair?	724-0533
Packet & Digital Committee Chair.....	
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Member-at-Large	
Member-at-Large	
Member-at-Large	

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " " "	"	"	147.57s
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Elmers Net	Thurs	2000 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

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(800) 854-6046
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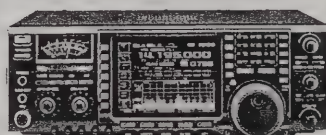
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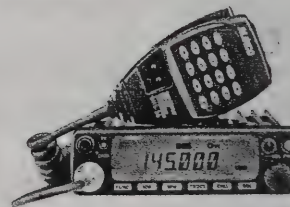
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- 100W, Power supply built-in

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CLUB STATION W6CUS

VOLUME LIV NUMBER 9

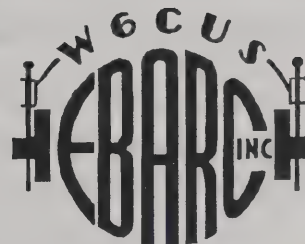
SEPTEMBER 2001



EBARC Meeting

September 14, 2001
7:30 p.m.

"Grounding Your Station"
Reginald Driscoll, WA6ZAP



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

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Deadline for Oct..issue: **Monday, Sep. 24**

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail to aa6xz@earthlink.net]

The deadline for next month's Blown Fuse is on a Monday, not a Tuesday!

Message from the President John Wood, KF6HFA

Those of you who missed the last meeting's speaker missed a really good time. I don't think that I've ever laughed as much during an EBARC meeting. Bill Dunbar is a lead technician for the State of California and services all the communications equipment for the state. In addition, he has gotten fascinated with the world of fox hunting. He builds foxes and leads hunts for many clubs in the Bay Area. His designs are such that people can be looking directly at the fox and can't believe that it is a radio. The stories that he tells about previous hunts are wonderful. He may be speaking at MDARC soon, and I highly recommend that, if you missed it here, you should go hear him.

Work continues at the club station trying to get a bunch of radios working so that they can be sold on eBay. Henry, Texx and I have been doing the work. If anyone is interested in helping or just watching the fun, give me a call and I'll alert you when we go next. It's an educational opportunity.

I'm sure that Syl will talk about the Solano Stroll so I won't, but don't forget the CCCC picnic on the same day. I plan to attend both part time.

A week later (September 16th) is the El Sobrante Stroll for which the silent key, Chet Pike used to organize the local hams to provide security. It will be strange not hearing him on the simplex frequency this year. If you wish to participate please call Rich Parker 237-2777 evenings to sign up.

That's it for another month. Good-bye Burgie and Roger. We miss you already.

W6CUS Club Station Report Ralph Hall, W6EFD

Many times in the past, I have reported "all's well at the club station." Not so lucky this time. The work party held on August 15th was for the purpose of lowering the crank-up tower and laying it over so we could inspect the locks (devices we installed a few years ago) which support the weight of the upper tower sections. The locks would also prevent the tower sections from telescoping downward suddenly in the event the cable supporting the tower sections breaks, is cut by vandals, etc. What we found was most disturbing.

The lock supporting the upper section was okay, but the locks on the two sections

below it were badly bent out of shape, apparently from the weight they were holding, perhaps aided by slight but constant movement of the tower sections when the wind blows, and other factors. In addition, welds which attach the supporting cross braces to the tower legs, (cross braces on which the locks rested), were broken. After spending considerable time evaluating the situation, and having no ready means of repairing the broken welds, it seemed best to raise the tower and put it back in service in its normal position. This again lets only the cable support the weight of the sections (as it did for years before the locks were installed) while we decide how to repair it.

It is of interest to note that the tower manufacturer did, in years gone by, sell the locks for the purpose described above, but discontinued making them many years ago (maybe the tower manufacturer knew something that we didn't know). The locks we are using are "home-made" (with a great deal of "overkill" built in) using a commercially made lock provided by Joe Lee, W6DOB, as a pattern for making EBARC's locks. Joe has used the locks on his crank-up tower for years but, I believe Joe's tower is not as tall or heavy as EBARC's (correct me if I'm wrong, Joe.)

We are still assessing ways to get the broken welds repaired. Bob, W6WTJ, says he has a friend who has a light duty welder that could be brought to the club station to reweld the breaks. If that or something like it works out, while we are at it we will reinforce the cross braces on which the tower locks rest so they will support substantially more weight. We may also be able to improve on the design of the locks. More on this later..

Silent Key, KD6AGA

Mark McLean, KD6AGA, died Sunday, August 26th after a short illness (no details are available). He was an EBARC, 4Cs, ARRL, and ROVARC (Red Oak Victory ARC) member. Amateur radio was his avid hobby. He had retired from PG&E after working there since high school. He has no family survivors. He will be greatly missed.

September Meeting Program Syl Goldberg, W8JSN, 1st V. P.

Feeling some tingling when you're running your rig and it's not from the thrill of being on the air? How would you like to get ZAPPED? Well come join us for our September meeting to hear Reginald Driscoll, WA6ZAP, talk about station grounding. This is an area that most hams pay little attention to, and folks. it only takes one time!

General Meeting Minutes August 10, 2001

"Burgie" Jones, KE6MSF, Secretary

President John, KF6HFA, began the meeting at 7:30 p.m.

The minutes of the July meeting were approved as printed in the *Blown Fuse*. No treasurer's reports were available.

John announced that Burgie KE6MSF & Roger KE6SZG are moving to Indiana. Burgie turned over one of the club's post office box keys to John (Gordy has the other). Cheryl Johnson, KF6HEN, was nominated to take over Burgie's Secretary position for the rest of 2001. This special

election for the Secretary's term will be held during the September meeting.

According to John Wood, Joe Lund of the Red Cross says the front building of the facility will soon be closed. Red Cross will eventually rebuild a new building. They may want to use part of the Annex A & B buildings for storage, otherwise they won't use them much. Joe suggested to John that EBARC need not negotiate its own lease for the property. John also talked to the Richmond City Clerk about EBARC's need for a stable club station location.

John Wood will bring sticky labels to each meeting that have EBARC contact information on them. Members can use them on not-too-old ham magazines that they'd like to take to doctors' and dentists' offices. This is good publicity for EBARC!

The picnic for EBARC and CCCC will be held on Sept. 9th, beginning about 11 a.m. EBARC needs to provide a cook.

Bob "Texx" Woodworth, KG6ATH, was elected to serve as 2nd Vice President for the rest of 2001.

Texx, KG6ATH, would like to begin a work project with a theme. If there is interest in a specific project, let him know. He will work with you to get this going.

Ralph Hall, W6EFD, announced a work party for Wed., Aug 15th to work on the crank-up tower.

The Solano Stroll will be Sept. 9th. We need a few more people to help. If you're interested, please let Syl know.

The meeting was adjourned at 9:35 p.m., followed by a raffle.

A Message from Burgie and Roger

"Good-bye everyone. We will miss you!"

Solano Stroll

The EBARC booth this year is in front of Mechanics Bank, 1801 Solano Ave., Berkeley (just east of Colusa). Setup is between 8-10 am, parade is at 11, and the Stroll will probably get really going at approximately 12 noon. We have to start tearing down at 6 p.m. Please contact Syl at 528-1304 if you can demonstrate CW and/or talk to folks, even for part of the day.

EBARC thanks Ham Radio Outlet for the donation of an ARRL azimuthal world map. We'll have it on an easel, peppered with map pins showing the places we've contacted (complete with the QSL cards!)

EBARC Roster Update

- **NEW E-MAIL:** Rich Parker's new e-mail address is kd6jct@yahoo.com
- **NEW MEMBER:** A. E. "Bud" Larsh Jr. has no license now, but was W6EWB in 1957. His address is P.O. Box 5280, Hercules, CA 94547. He can be reached at AlmonLarsh2@juno.com or 724-1202. He likes technology, wine, restaurant dining, and computers.

Useful Ham Internet Sites

[tnx to Robbie, N6MNL]

www.timewave.com
www.tapr.org
www.packetradio.com
www.psk31.com/Software/software.htm
(Note the one capitol "S")

News from Abroad

[This is an excerpt from a letter to Robbie, N6MNL, from Larry Fields, N6HPX - Editor]

Hello Robbie, and hello to all in the club. I am still alive and kicking. Been overseas and now near JA1 country. Been visiting a lot of radio places and some clubs as well, along with meeting some of the big DXers of the Pacific areas. Went to the Philippine Amateur Radio Association to obtain my permit in the Philippines. Got a chance to eyeball DU1SAN, Boysan, and DU1ERV, Eddie, along with about 20 others. DU1MS, Brian, was my elmer in getting the license. I operated in 1999, 2000, and last March 2001. The last one I worked over 660 contacts, including 10 on 6 meters, mostly those were JAs, and 9M6. I also attended the Singapore Amateur Radio Club, where I met up with 9V1CP, Leow, and 9V1RH, David, not to mention the well-known 9V1YC of Clipperton fame. The club members are very nice, and I have worked 9V1CP and 9V1RH several times from the Cavite station.

I also had the chance to visit several stations like Far East Broadcast Company, and Radio Free Asia over on Saipan Island, where I later met WH0V, June, who lives on the island. He does a lot of DXing from there as well

Any one wanna email me they can use this address n6hpx@yahoo.com , or n6hpx_du1@yahoo.com. I plan to be back in my home in Manila/Cavite soon. Usually the Philippines can hear the West Coast around 1230-1630 UTC, which is morning time, and that's on 20 meters. I was on the Bill Bennett DX net around 1430 UTC, and that was on 14245 kHz.

73s, Larry, N6HPX/DU1

Amateur Extra Training Class

If you hold a General or Advanced Class Amateur Radio license and would like to upgrade to Extra Class here's your chance. Remember that the 20 wpm code test is no longer necessary. Your current General or Advanced ticket verifies that you "know the code".

When: **Tuesdays, starting September 11**

Time: **7:00 to 9:30 PM**

Duration: **12 weeks, every Tuesday**

Text: ***The ARRL Extra Class License Manual*** (available at HRO or at 1st class)

Where: **Serra School, Room 6, 6028 Ralston Avenue, Richmond, CA**

Cost: **Class is free, text is \$19**

The class is limited to 25 students. The final class period will be a VE session just for the Extra Class license exam. The exam fee is \$10. For more information and/or to register contact John Wood, KF6HFA, 234-0527, john@otherlife.net

Amateur Spectrum Protection Act

[Excerpt from ARRL PACIFIC DIVISION UPDATE, September 2001, Jim Maxwell, W6CF, Director, Pacific Division, ARRL]

On March 1 the Amateur Radio Spectrum Protection Act of 2001 was introduced into the US House of Representatives. Rep Michael Bilirakis of Florida introduced the bill, denoted H.R.817. Sen. Michael Crapo of Idaho introduced the Senate version of the bill, denoted S.549, on March 15. Sen. Daniel Akaka of Hawaii was a cosponsor. S.549 is identical in its wording to H.R.817. *[Both bills are now in committee – Ed.]*

More information on the Spectrum Protection Act, including the full text of the

bills, is available on the ARRL Web site, <http://www.arrl.org/govrelations/arspa.html>.

In order to have a chance of passage, your Representatives and Senators must know that you support the bill. Please write! Following is a sample letter, written by Brad, K6WR, that you may find useful as a guideline.

"Dear (Representative/Senator) (Name)

"As one of the nation's more than 650,000 licensed Amateur Radio operators, I urge you to sign on as a cosponsor to ('HR 817' if writing to your Representative, 'S.549' if writing to your Senator), the Amateur Radio Spectrum Protection Act of 2001. This bill, introduced by ('Representative Bilirakis of Florida on March 1, 2001' if writing to your Representative, 'Senators Crapo and Akaka' if writing to your Senator), is a non-partisan, non-controversial measure designed to afford a measure of protection to Amateur Radio frequencies used by radio amateurs in California and elsewhere to provide emergency communication, technical experimentation and recreation. The bill would require the Federal Communications Commission to provide 'equivalent replacement spectrum' in the event it becomes necessary to reallocate radio frequencies currently allocated to the Amateur Service. This is a matter of fairness, and is in the national interest. The bill would help ensure Amateur Radio's continued public service role to the people of the State of California."

Future Bay Area Events

- Sept. 9: CCCC/EBARC Picnic at Miller Knox Park, Richmond. Starts at 11 a.m. Families/Significant Others are welcome

- Sept 9: Solano Stroll. EBARC's booth is in front of Mechanics Bank, just east of Colusa, Berkeley/Albany
- Sept. 16: El Sobrante Stroll on San Pablo Dam Rd. Contact Rich Parker evenings 237-2777 to volunteer.
- Sept. 22: Sonoma County Radio Amateurs swap meet. at the Lewis Adult Education Center, at the Corner of Lomitas Ave and Lewis Road, Santa Rosa. Open at 7:00 a.m. Contact: Rick Reiner, K6ZWB, k6zwb@cds1.net.
- Oct. 19-21 ARRL Pacific Division Convention, Concord, at the Sheraton Concord (Airport) Hotel, Concord. See <http://www.pacificon.org/> for details.
- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Contact Cliff Chiba, KF6EII, 209-835-6715, email larkswap@usa.com.
- Foothill Flea Market, 2nd Saturday of each month, March through October, Foothill College, Los Altos Hills
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. on a Sunday. The last 2001 test is Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2001 fee (and retest fee) is \$10 each. You must have proper photo identification and Social Security number (or FCC ID). For info, call 510-741-8227 or 510-841-7233.
- RACES 2001 Training Schedule [location C=Central, E=East, W=West, S=South county]:
9/15, Emergency Dispatch II [S]
Pacificon, Working with Public Agencies 11/10, EC/Management Training [C]
12/15, Traffic Handling [W]

To steadfast preafrooder, KK6PH, Thanks!

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership and \$30 for a family membership. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2001 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

John Wood, KF6HFA, President	234-0527
Syl Goldberg, W8JSN, 1st VP - Program Chair.....	528-1304
Bob "Texx" Woodworth, KG6ATH, 2nd VP - Hospitality Chair	524-7452
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...	785-4290
Secretary	
Ralph Hall W6EFD, W6CUS Trustee / Club Station Manager	232-0727
Henry Primbsch KK6PH, Education / Field Day Chair.....	741-8227
Adah Fryman, KF6IHW, Social Committee Chair	232-1934
Publicity Chair.....	
Joe Lee W6DOB, Awards Chair?	724-0533
Packet & Digital Committee Chair.....	
RFI Committee Chair	
Historian	
Member-at-Large	
Member-at-Large	
Member-at-Large	

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " " "	"	"	147.57s
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Elmers Net	Thurs	2000 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

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(Near Disneyland)
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(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA
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(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
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(800) 854-6046
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oakland@hamradio.com

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Hwy. 163 & Claremont Mesa
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94085
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(800) 854-6046
Ken, K1ZKM, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
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Tigard-99W exit
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portland@hamradio.com

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8400 E. Iliff Ave. #9, 80231
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John, N5EHP, Mgr.
denver@hamradio.com

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1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA
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(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

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22191
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Mike, N4MDK, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH
(Near Boston)
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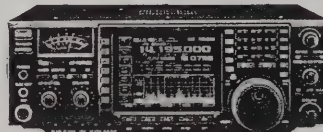
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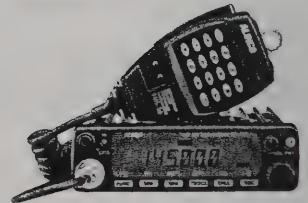
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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LIV NUMBER 10

OCTOBER 2001



EBARC Meeting

October 12, 2001
7:30 p.m.

"Grounding Siesmology Instruments"
Bob Uhrhammer, WB6VEX



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393

El Cerrito, CA 94530

FIRST CLASS MAIL



POSTMASTER:
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Nov. issue: **Monday, Oct. 22**

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail to aa6xz@earthlink.net]

Message from the President John Wood, KF6HFA

As you may know, it will be necessary to select a slate of officers for the next year's term at the November EBARC meeting. Cheryl Johnson, KF6HEN, has graciously volunteered to chair the committee to select the candidates. Thank you Cheryl. When she, or someone else calls you to encourage you to run for office, please consider it seriously. I have already announced at last month's meeting that, because of personal and family health issues, I'm unable to devote the time required to the office of President.

In order to help you with your decision, let me make a few remarks about what this club is and why it's important to keep it running. First consider what the club provides to the community. We maintain a first rate club station which is kept running under the careful eye of Ralph Hall, W6EFD. It will be an invaluable asset to

the community should a major emergency occur. Now that the major components of the station are in place, the costs to the club to keep it running are actually quite small. It would be a shame for the station to cease to exist for lack of club officers.

Second, our education committee, chaired by Henry Primbsch, KK6PH, provides annual training for those prospective hams to realize their dream of obtaining a license and joining our great fraternity. Also, the club members that are VEs are always willing to provide their time to assure that the testing procedures are respected and that the new hams are properly tested.

Third, the club provides interesting, enlightening and often humorous speakers on a monthly basis to keep us abreast of new technologies as well as how the older ones are still providing pleasure for those who use them. Here again the community benefits through the continued improvement of our understanding of our hobby, making us better able to assist in times of emergency.

Fourth, we participate in Field Day each year. While it is a fun time for those of us that participate and while we aren't driven to "win" in our section, the annual practice assures that, should it become necessary to set up a field communications facility for the Red Cross or Salvation Army, we could easily do so. We could be on the air on any HF band without needing anything from anyone in 24 to 48 hours probably anywhere in Northern California.

Finally, there are all the little things that we do like our support of the local RACES organization, providing a presence at the Solano and El Sobrante Strolls, and the many other Public Service events that are supported by members of the club.

So, when Cheryl calls, consider whether or not it is time to take your turn as a club officer. Having been President twice now, I can say that it can be fun, and there is always someone who has been there before who can and will help.

General Meeting Minutes

September 14, 2001

Cheryl Johnson, KF6HEN, Secretary

The regular meeting of EBARC was called to order at 7:30 p.m. by President John Wood, KF6HFA.

Cheryl Johnson, KF6HEN, was elected as Secretary for the remainder of 2001.

John suggested \$300/year be given to the Salvation Army for the use of the facilities for the club meetings plus a donation for the use of their canteen for Field Day. A motion was made, seconded, and passed to give \$300/year for the use of facilities and a \$100 donation for the canteen.

John asked for a nominating committee and Cheryl and Adah volunteered. John urged everyone to consider running for office.

John stated that a suggestion had been made at the executive meeting to give a complimentary membership to anyone who takes a class through EBARC and passes the VE session, becoming a ham. The motion was made, seconded, and passed.

Sharon Primbsch, AA6XZ, made a motion that new members first joining EBARC after July 1st would receive the current year's membership at half price. The motion was seconded and passed.

Sharon reported that EBARC is incorporated (but isn't a 503(c) charitable organization).

John reminded everyone that magazine labels are available for members to place on copies of QST, CQ, etc. and leave magazines in doctor and dental offices. The labels indicate that the magazine was donated by EBARC and include the club's contact information.

John stated he had spoken to Bob Garfat, liaison with the Salvation Army, regarding bell-ringing at Christmas time. Two-hour shifts are available, and as long as a member of EBARC is there, we can put up an EBARC sign. John encourages everyone to participate.

Henry Primbsch, KK6PH, reported that the Extra Class is in progress with about 11 students from 7 to 10 p.m. every Tuesday at Serra School.

Sharon advised that as of October, we will no longer receive a commission for every ARRL renewal membership. However, we will receive a \$15 commission for any brand new member to ARRL and for anyone who has not been a member for at least 2 years.

Joe advised that club jackets can be ordered directly through Mary & Joe's in Albany and that they're cheaper if at least 5 jackets are ordered. He is still selling name-callsign badges.

Syl Goldberg, W8JSN, made a motion to accept last month's minutes as printed in the *Blown Fuse*. The motion was seconded and passed.

Syl reported that the Solano Stroll was a great success, that approximately 150

flyers were handed out and everyone enjoyed the Morse code demonstration. The club received a \$1.00 donation from a 10-year old named Arthur! Syl suggested that a thank you letter be written to Ritz Camera who graciously allowed the use of an electrical outlet for the ham radio equipment demonstrated at the Stroll.

John reported that RACES will again staff security at the El Sobrante Stroll and encouraged people to call Rich Parker, KD6JCT, to sign up.

Ralph reported that the tower at the Club Station was cranked down and examined. Bob Szentimry, W6WTJ, will provide material for repairs and has a friend who can do the welding.

John reported that he received a note from Treasurer Gordy Parsons, NU6W, stating that we have \$2,327.28 in our checking account and \$1,152.36 in our savings account.

Syl introduced Reggie Driscoll, WA6ZAP, who presented a very interesting and educational program on grounding and bonding. He advised club members that Military Handbook #419A is available free through the internet (819 pages!) and tells you everything you always wanted to know about grounding and bonding. *[Tnx to Gerry White for the overhead projector!]*

Mark Nowell, WI7YN, is leaving the Oakland Ham Radio Outlet Store and going to the store in Sunnyvale. Mark will be missed in Oakland. Mark stated he will always be available and willing to help any EBARC with future support.

The meeting was adjourned at 9:50 p.m. by President John Wood, followed by a raffle.

Treasurer's Report

July, 2001

Gordon Parsons, NU6W, Treasurer

JULY INCOME

New Member: Lisa Holmes, KG6CFY & Jeffery Nowell, KF6WXP..... \$50.00
New Family Membership: Tony, KG6GUZ & Meagan Travlos, KG6GUY 30.00
Renewals: Kit, KB6JZM..... 25.00
F. D. donation (Robby N6MNL)..... 20.00
F. D. donation (Kit, KB6JZM)..... 15.00
Donation for Salvation Army..... 50.00
Field Day food collection 200.00
Total July Income..... \$390.00

JULY DISBURSEMENTS

Blown Fuse Printing \$37.58
Blown Fuse Postage..... 39.44
Field Day Brochure Printing 13.39
Field Day food (F Nieman) 200.00
Pacific Bell (W6CUS) 17.49
Total July Disbursements..... \$307.90

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$2,414.98
Savings (Station Fund*) \$1,139.86

*\$147.76 loaned from the General Fund.

October Meeting Program

Syl Goldberg, W8JSN, 1st V. P.

A famous rock singer had a song with the words "I'm all shook up..." Well, our very own Bob Urhammer, WB6VEX, Research Seismologist at the Berkeley Seismological Lab, will bring us up to date on his latest earth-shaking work. He will also discuss the very elaborate electrical grounding systems used with the Lab's ultra-sensitive measuring equipment.

Treasurer's Report

August, 2001

Gordon Parsons, NU6W, Treasurer

AUGUST INCOME

New Member: "Bud" Larsh.....\$25.00
Coffee Kitty4.00
Station Fund12.50
Total August Income.....\$41.50

AUGUST DISBURSEMENTS

Blown Fuse Printing.....\$29.80
Blown Fuse Postage.....40.12
W6CUS Supplies (R. Hall).....28.46
Pacific Bell (W6CUS).....17.32
Total Aug. Disbursements\$116.70
.....[Should total be \$115.70? – Editor]

BANK OF THE WEST ACCOUNTS

Checking (General Fund)\$2,327.28
Savings (Station Fund*).....\$1,153.36

*\$147.76 loaned from the General Fund.

Nominations for 2002 Officers

Cheryl Johnson, KF6HEN, Nominating
Committee Chair

The following people have been nominated
to fill EBARC offices for 2002.

- Bob "Texx" Woodworth, KG6ATH, 2nd
Vice President - Hospitality Chair
- Sharon Primbsch, 3rd Vice President -
Membership
- Gordon Parsons NU6W, Treasurer

The following offices are still open for
nominations. If you'd like to run, contact
me at 964-1503 or Adah Fryman at 232-
1934. **EBARC NEEDS YOU!**

- President
- 1st Vice President – Program Chair
- Secretary

EBARC Roster Update

- **NEW ADDRESS:** Gayle Jones,
KE6MSF, and Roger Nelums, KE6SZG,
can be contacted at P.O. Box 2872,
Kokomo, IN 46904-2872.

Future Bay Area Events

- Oct. 19-21 ARRL Pacific Division
Convention, Concord, at the Sheraton
Concord (Airport) Hotel, Concord. See
<http://www.pacificon.org/> for details.
- Livermore Swap Meet, 1st Sunday of
each month at Las Positas College, 7
a.m. to noon, all year. Talk-in 147.045
MHz. Contact Cliff Chiba, KF6EII, 209-
835-6715, email larkswap@usa.com.
- Foothill Flea Market, 2nd Saturday of
each month, March through October,
Foothill College, Los Altos Hills
- EBARC and ORCA sponsor joint ARRL
VEC Amateur Radio Test Sessions
quarterly at 9 a.m. on a Sunday. The
last 2001 test is Oct. 28th. Exams are
held in the 2nd floor conference room of
the Kaiser Building, 1950 Franklin,
Oakland (1 block from the 19th St. BART
station). The 2001 fee (and retest fee)
is \$10 each. You must have proper
photo identification and Social Security
number (or FCC ID). For info, call 510-
741-8227 or 510-841-7233.
- RACES 2001 Training Schedule
[location C=Central, E=East, W=West,
S=South county]:
Pacificon, Working with Public Agencies
11/10, EC/Management Training [C]
12/15, Traffic Handling [W]

*[The list of officers is being omitted this
month to save on printing costs. It will
return next month - Editor]*

ANAHEIM, CA
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaham@hamradio.com

BURBANK, CA
2492 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Eric, KAGIHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
5375 Kearny Villa Rd., 92123
(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102
94085
(408) 736-9496
(800) 854-6046
Ken, K1ZKM, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

PORTLAND, OR
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Rich, NF7D, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

DENVER, CO
8400 E. Iliiff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
Joe, KD0GA, Mgr.
John, N5EHP, Mgr.
denver@hamradio.com

PHOENIX, AZ
1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA
6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBIDGE, VA
(Near Washington D.C.)
14803 Build America Dr.
22191
(703) 643-1063
(800) 444-4799
Mike, N4MDK, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
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(800) 854-6046
Ken, K1ZKM, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

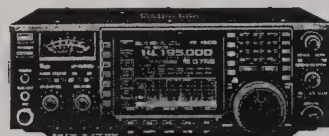
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IC-756 PRO All Mode Transceiver

- 100W HF/6M • Newly designed 32 bit DSP
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- Multiple DSP controlled AGC loops
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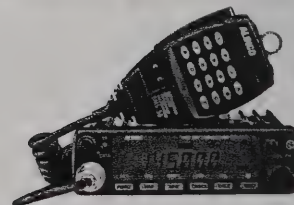
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DJ-196T 2M HT

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- 40 memories
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YAESU

VX-5R

50/2M/440HT

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- 220 mems, opt. barometer unit
- Alpha Numeric Display
- CTCSS/DCS built-in
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- 300 Memories

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- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 100W, Power supply built-in

Call Now For Low Pricing!

THE EAST BAY AMATEUR RADIO CLUB, INC.

Q
L
F

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LIV NUMBER 11

NOVEMBER 2001



EBARC Meeting

November 9, 2001
7:30 p.m.

Election & Swap Meet
EBARC Members



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393

El Cerrito, CA 94530

FIRST CLASS MAIL



POSTMASTER:
Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Dec. issue: **Monday, Oct. 26**

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail to aa6xz@earthlink.net]

Message from the President John Wood, KF6HFA

Here it is November again. How fast time flies. Cheryl, our nominations chair, says that Randy Jenkins has offered to run for club president. That makes me very happy, as I didn't want to preside over the demise of the club. Now all we need is a few folks to fill in the other two slots of 1st VP (program chair), and Secretary. The new president can appoint any other positions that may be required. So please consider taking an office. The job doesn't require much effort and will repay itself many times over.

I'm happy to report that I have successfully passed my Extra License exam and I want to thank Henry, KK6PH, for his tireless devotion to the improvement of the ranks by his support of Ham education as well as giving the VE exams. I don't think that I would have considered studying for the test

had he not agreed to offer the study class. So, thanks Henry and Ivan.

I'm not wild about my ability to run a raffle. I've sold about enough tickets to pay for the radio when we have the drawing but there will be nothing left over for the club. I'm happy to say that we won't lose any money on the effort, but we won't gain any either. (sigh). Please tell your friends and buy more tickets!

Well, that's it for another month. Please do consider running for office and do attend the next meeting. I hope to see you there.

Nominations for 2002 Officers Cheryl Johnson, KF6HEN, Nominating Committee Chair

The following people have been nominated to fill EBARC offices for 2002. The election is at the November general meeting, and nominations will be taken at the meeting.

- Robert "Randy" Jenkins, KA6BQF, President
- Bob "Texx" Woodworth, KG6ATH, 2nd Vice President - Hospitality Chair
- Sharon Primbsch, 3rd Vice President - Membership
- Gordon Parsons NU6W, Treasurer

The following offices are still open for nominations. If you'd like to run, contact me at 964-1503 or Adah Fryman at 232-1934. **EBARC NEEDS YOU!**

- 1st Vice President – Program Chair
- Secretary

EBARC Roster Update

- **UPGRADE:** John Wood, KF6HFA, now has an Extra class ticket.

CCCC / EBARC Holiday Party



Entertainment, Prizes, & Fellowship Family Event – Everyone's Welcome

Vallejo Elks Lodge
2850 Redwood Parkway, Vallejo
Sunday, December 9, 2001
12:00 noon, lunch served at 1:00 p.m.
Talk-in on 145.110 repeater

Buffet: Fresh Vegetables, Pasta with Meat
Tomato Sauce, Ham, Baked Chicken,
Roast Beef, Variety of Salads, Desert,
Coffee, Tea

For questions call Barbara, KD6OKJ,
after 6 p.m. at 222-4990
or Sharon, AA6XZ, at 741-8227

**PAYMENT AND THE FORM BELOW
MUST BE RECEIVED BY NOV. 24th!**

Name(s) _____

Call Sign(s) _____

___ @ \$20 per adult = \$ _____

___ @ \$10 age 6-12 = \$ _____

(under 5 yrs. free) Total \$ _____

Make check payable to "Contra Costa
Communications Club" and mail to:

C.C.C.C.

P. O. Box 20661

El Sobrante, CA 94820-0661

Your tickets will be held at the door.

W6CUS Club Station Report Ralph Hall, W6EFD

At a recent club meeting, mention was made that we had experienced a problem with two of the three locks on the crank-up tower (those "gizmos" we installed to prevent the upper tower sections from telescoping downward rapidly in the event the cable which supports them broke - because of deterioration, vandalism, or other reason. In such event, both of the club's beams would probably be damaged since the crank-up tower beam is above the beam on the Rohn tower and the two would most likely collide as the tower sections fell.

During a routine lowering of the upper sections for inspection of the locks, it was discovered that the tower leg diagonal brace, on which the weight of the upper three sections rested (via the "tongue" of the bottom lock), was bent badly, as was the "tongue" itself. Straightening the bent brace, which is about 1/2 inch in diameter, was not practical. Also, the lock which supports the two upper sections was badly bent.

To the rescue - El Sobrante Bob (W6WTJ). Through his connections, Bob came up with a metal plate, some 3/8 inch thick, which would replace the bent brace and afford a flat horizontal member on which the lock's "tongue" would rest, rather than the diagonal (slanting) brace. And, through another of his connections, Bob arranged for a welder friend to bring his welder to the club station and weld the plate to the tower legs. The welding was done, both repaired locks reinstalled, and the tower was returned to normal service.

As an interesting sidelight, the welder (often called a "wire welder") required some 20 amperes at 120 volts of power. Not

wanting to subject the club station/Red Cross electrical wiring to that stress, we elected to use the club's Field Day generator which, incidently, is equipped with a 20 ampere circuit breaker. The generator did the job OK but the breaker did trip some 4 or 5 times during the course of the welding process. But, all's well that ends well. We should have no more trouble with bending braces. As a precautionary measure, we will probably install a similar metal plate for the lock that supports the weight of the two upper sections. We anticipate no problem with the lock that supports only the upper section.

The club owes Bob Szemtimry a great big THANK YOU, Bob.

Otherwise, all's well at the club station.

General Meeting Minutes October 12, 2001

Cheryl Johnson, KF6HEN, Secretary

The regular meeting of EBARC was called to order at 7:30 p.m. by 1st Vice President Syl Goldberg, W8JSN.

Cheryl gave a report on the Nominating Committee consisting of herself and Adah Fryman KF6IHW. Still no volunteers at the time of the meeting to run for office. We are still looking for someone to run for President, 1st Vice President (Program Chair) and Secretary. Cheryl requested additional help in making telephone calls to club members. Sam Watson, N6VIF and Clinton Schwarz volunteered to help make telephone calls. Thank you Sam and Clinton. The plan is to try to make contact with as many members as possible. If anyone knows of someone to run for office or would like to run for office, please

contact any member of the Nominating Committee.

Texx reported on tower repairs at the Club Station. Two of the three tower locks have been done. There's one lock and a few other things to do.

Syl reported that John Wood is on vacation and reminded everyone that Bob Garfat with the Salvation Army is still looking for bellringers at Christmas.

Gordy Parsons did not have a treasurer's report ready this meeting, but stated we had several expenses recently; \$300 donation to Salvation Army for the use of the facilities for club meetings, \$100 donation to Salvation Army for the use of the canteen on Field Day, and \$200 for income tax preparation fees. Gordy requested that members start paying their dues as soon as possible.

Robert Uhrhammer, WB6VEX, gave a very interesting and informative presentation, "Setting the Stage - Earthquake".

November Program Syl Goldberg, W8JSN, 1st V.P.

The November 9th meeting will be a swap meet. Bring your surplus ham gear to sell and/or bring your money to buy from someone else. Sellers are asked to donate 10% of sales to the club treasury. Invite your friends!

A discount is available if several people order EBARC club jackets at the same time. The price for a single jacket is \$51. Joe Lee, W6DOB, (724-0533) has volunteered to coordinate the purchase.

Please Renew EBARC Early!

2002 EBARC Membership Renewal

Name _____

Call Sign _____

N T T+ G A E
License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

e-mail address _____

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Dues: Regular \$25, Family \$30

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name, call, and class

Please use the lines above to tell us your ham interests, and any non-ham skills or hobbies

The ARRL no longer gives EBARC \$2 for each member renewing an ARRL membership. Instead, they offer a \$15 commission for each new member who joins. A new ARRL member is one who has never belonged to the ARRL, or one who is rejoining after a 2-year lapse. Please join the ARRL (via EBARC) if you're not already a member. It helps EBARC keep its affiliation and we get a possible \$15!

New FCC Form 605

Starting December 3, 2001, FCC wants to collect CORES FRN (FCC Registration Numbers) on FCC Form 605 from those who have one. FCC states that each person registered in ULS should automatically have an FRN. The FRN is viewable by doing a search for LICENSE at the FCC WTB ULS web page (<http://www.fcc.gov/wtb/uls>). An FRN is a ten digit number preceded by three or four zeros then six or seven numbers. Also, the FCC will once again begin collecting applicant's Date of Birth (once again as a mandatory data item).

The FCC's Wireless Telecommunications Bureau has announced that, starting Monday, October 15, it will dismiss all submittals it receives on Form 605 Quick-Form Application for Authorization in the Ship, Aircraft, Amateur, Restricted and Commercial Operator, and General Mobile Radio Service that bear edition dates prior to March 2001. This change does not affect applicants filing on-line via the Universal Licensing System (ULS). WTB encourages applicants to use ULS to speed application processing and to have access to the other information available via the ULS. An FCC announcement advises that amateurs can avoid problems by submitting on-line application via the FCC's Universal Licensing System Web site. To obtain a current copy of Form 605, visit the FCC "Forms" page. Paper copies of Form 605 also are available from the FCC Forms Distribution Center, 800-418-3676.

Grant me the senility to forget the people I never liked anyway, the good fortune to run into the ones I do, and the eyesight to tell the difference...

[Below is an excerpt of Ruth Rosen's 10/15/01 article in the S.F. Chronicle, about her visit to Scandinavia – Editor]

Searching for Moral Clarity

...On Sept. 29, 1943, Danish leaders announced Nazi plans for a mass deportation of the nation's 7,800 Jews. The Danish people quickly sprang into action. Within a few short weeks, they managed to smuggle nearly all of Denmark's Jews into small villages, from which they ferried them, in fishing boats, across the water to neutral Sweden.

The *[Copenhagen Resistance]* museum recounted the tale through videos in which the survivors described the risks they took and the ordeals they endured. After viewing them, I felt humbled by the courage of ordinary people.

In Norway, ... I finally met the man I had traveled so far to see, Jan Dahm, now 82 ... We climbed three floors of rickety steps and entered the tiny Theta museum. From all over western Norway, fisherman sent the locations of German battleships to this one small room. Every day, four 19-year-old men, including Dahm, risked their lives as they transmitted this vital information to the British. Once they received these reports, the British Air Force could bomb German battleships *[that were]* lurking in fjords, ready to pounce on allied ships.

With pride, Dahm showed me the medal of honor awarded him by the British, along with their gratitude "for shortening the war."

"Why," I finally asked him, "were you willing to risk your life?" Dressed in a dapper suit, puffing on a pipe, he sat forward in his chair. "You see, I had already gained expertise as an amateur, radio operator

before the Nazi occupation." Sensing I sought some additional explanation, he smiled. "It wasn't about politics. My country had been invaded and occupied. 'There was a job to be done, I had the skills, so I just did it.'"

No bombast. just the pragmatic courage and decency of an ordinary person. As we left the museum, Dahm said, with just a hint of sadness, "You know, the young are no longer terribly interested in the Resistance."

"Yes, I know." Silently, I thought about how much he could teach us right now. But then, with a wave of his hand, he disappeared around the corner.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Contact Cliff Chiba, KF6EII, 209-835-6715, email larkswap@usa.com.
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. on a Sunday. The last 2001 test is Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2001 fee (and retest fee) is \$10 each. You must have proper photo identification and Social Security number (or FCC ID). For info, call 510-741-8227 or 510-841-7233.
- RACES 2001 Training Schedule [location C=Central, E=East, W=West, S=South county]:
11/10, EC/Management Training [C]
12/15, Traffic Handling [W]

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership and \$30 for a family membership. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2001 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

John Wood, KF6HFA, President	234-0527
Syl Goldberg, W8JSN, 1st VP - Program Chair.....	528-1304
Bob "Texx" Woodworth, KG6ATH, 2nd VP - Hospitality Chair	524-7452
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...	785-4290
Cheryl Johnson, KF6HEN, Secretary	964-1503
Ralph Hall W6EFD, W6CUS Trustee / Club Station Manager	232-0727
Henry Primbsch KK6PH, Education / Field Day Chair.....	741-8227
Adah Fryman, KF6IHW, Social Committee Chair.....	232-1934
Publicity Chair.....	
Joe Lee W6DOB, Awards Chair?	724-0533
Packet & Digital Committee Chair.....	
RFI Committee Chair	
Historian	
Member-at-Large	
Member-at-Large	
Member-at-Large	

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " " "	"	"	147.57s
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Elmers Net	Thurs	2000 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

ARES/RACES EC - West CoCoCo. Rich Parker KD6JCT home: 237-2777, beeper: 873-7363, cell phone: 499-4557. Frequencies: #1=145.110-, #2=147.570s.

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anaheim@hamradio.com

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(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

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(800) 854-6046
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I-880 at 23rd Ave. ramp
oakland@hamradio.com

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(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

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(800) 854-6046
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sunnyvale@hamradio.com

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(Near Philadelphia)
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(302) 322-7092
(800) 644-4476
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

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97223
(503) 598-0555
(800) 854-6046
Rich, NF7D, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

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(800) 444-9476
Joe, KD0GA, Mgr.
John, N5EHP, Mgr.
denver@hamradio.com

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Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

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Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

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(800) 444-4799
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woodbridge@hamradio.com

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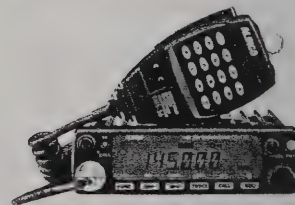
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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LIV NUMBER 12

DECEMBER 2001



EBARC Meeting

December 14, 2001
7:30 p.m.

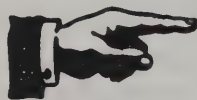
Dessert Potluck and
Gift Exchange Party



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.
The Executive Board meets Friday December 7th at 7:30 p.m.
at the home of Martha Hurley, 137 Purdue Ave., Kensington

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL



POSTMASTER:
Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Jan. issue: Monday, Dec. 17

[Articles can be submitted by "snail" mail, by dictation over the 'phone, or by e-mail to aa6xz@earthlink.net]

Because of Christmas, the *Blown Fuse* deadline for the January issue is a week earlier than usual, December 17th.

Message from the President John Wood, KF6HFA

Here it is Holiday time again. It's hard to believe that another year is almost gone.

I want to remind everyone that the Salvation Army is looking for bell ringers for the holiday season. If you can provide a 4 hour shift for them call Bob Garfat, KF6LGE, at 510.243.1101 to sign-up. It's another good way to say thank you to the Army for hosting our meetings.

Please be sure to attend the December meeting and bring a wrapped gift (<= \$10) and join in the fun. We always seem to have a good time stealing presents from each other.

I also will be holding the drawing for the FT-817 QRP radio that I'm using for a fundraiser for the club. There will be an opportunity to buy tickets before the drawing, so bring your wallets. Remember, the last drawing I held was won by a person who bought his ticket the night of the drawing.

Well, that's it for the last time. Thanks to all for a wonderful year as your president. I couldn't have done it without the hard work and support of the other officers. We had some very good times together this past year. Remember, Syl promised more poetry!!!!???

Happy Holidays all.

Dec. 14th EBARC Meeting Gift Exchange & Dessert Potluck

There will be a voluntary "round robin" gift exchange. Anyone who wants to take part in the exchange should bring one wrapped, untagged, gift valued under \$10. The gift should be in good taste and gender neutral. Every participant's name goes into a hat. The first person selected opens any gift he/she wishes to open. Everyone thereafter can either open another gift or take an opened gift away from somebody else. If a person chooses to take a gift from somebody, *that* person can either open a wrapped gift or take a gift from a different person. The turn ends when a gift is opened, and then a new name is drawn from the hat. On any one "turn", you cannot take the same gift from somebody else. In other words, if you started a turn with a teddy bear and somebody took it from you, you cannot end that particular turn in possession of the teddy bear. The exchange ends when the last gift has been opened.

Renew EBARC for 2002!

2002 EBARC Membership Renewal

Name _____

Call Sign _____

N T T+ G A E
License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

e-mail address _____

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Dues: Regular \$25, Family \$30

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name, call, and class

Please use the lines above to tell us your ham interests, and any non-ham skills or hobbies

Field Day 2001 Results Henry Primbsch, KK6PH

It's official; EBARC earned 6,406 points at this year's Field Day. That puts us 35th in a group of 498 stations who operated 2A. We're in the top 11%. To all participants; We did it again, better than last year!

Treasurer's Report

September, 2001

Gordon Parsons, NU6W, Treasurer

SEPTEMBER INCOME

Coffee Kitty \$27.50
Donation 1.00
Total Sep. Income \$28.50

SEPTEMBER DISBURSEMENTS

Blown Fuse Printing \$40.71
Blown Fuse Postage..... 37.40
CW Flyers 4.86
Pacific Bell (W6CUS) 17.36
Salvation Army (canteen donation) . 100.00
Salvation Army (hall donation) 300.00
Tax Preparation..... 200.00
Total Sep. Disbursements..... \$700.33

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$1,655.45
Savings (Station Fund*) \$1,153.36

*\$147.76 loaned from the General Fund.

Remember to feed the kitty!

December Board Meeting at Martha Hurley's Home

The Executive Board has been invited to Martha Hurley's home for the December 7th Board meeting. As usual, any EBARC member is welcome at a Board meeting. See the front page for details.

EBARC Roster Update

- **UPGRADE:** Peter Hoffman, W6EDI, now has an Extra class ticket.

4Cs / EBARC Holiday Party

It's too late to sign up if you haven't done so already, but if you've already paid, don't forget to attend!

Vallejo Elks Lodge
2850 Redwood Parkway, Vallejo
Sunday, December 9, 2001
12:00 noon, lunch served at 1:00 p.m.
Talk-in on 145.110 repeater

Treasurer's Report

October, 2001

Gordon Parsons, NU6W, Treasurer

OCTOBER INCOME

Regular Renewals: KF6HEN, KF6IHW, KD6SWW?, KG6EWI, NU6W.....	\$125.00
Family Renewal: AC6QI/AC6RB.....	30.00
Solano Stroll Refund.....	55.00
Coffee Kitty	17.03
Raffle Ticket Sales (Sep.)	13.00
Raffle Ticket Sales (Oct.).....	5.00
Total Oct. Income	\$245.03

OCTOBER DISBURSEMENTS

Pacific Bell (W6CUS).....	16.57
Total Oct. Disbursements.....	\$16.57

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$1,883.91
Savings (Station Fund*).....	\$1,153.36

*\$147.76 loaned from the General Fund.

It's time to renew your membership for 2002. Regular membership is \$25, and family membership is \$30.

Remember to feed the kitty!

General Meeting Minutes

November 12, 2001

Cheryl Johnson, KF6HEN, Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:35 p.m. by President John Wood, KF6HFA.

Nominations for 2002 officers were accepted from the floor. Since there was only one nominee for each office, Ron Smith, KE6RS, made a motion to accept the slate of officers by acclamation. Cheryl Johnson, KF6HEN, seconded the motion. The motion passed. New officers are as follows:

- Randy Jenkins, KA6BQF, President
 - Peter Gaposchkin, KB6WC, 1st Vice President, Program Chair
 - Texx Woodworth, KG6ATH, 2nd Vice President, Hospitality Chair
 - Sharon Primbsch, AA6XZ, 3rd Vice President, Membership Chair
 - Gordy Parsons, NU6W, Treasurer
 - Bob Uhrhammer, WB6VEX, Secretary
- Officers will be installed at the Dec. 9th 4Cs/EBARC Holiday luncheon. Congratulations everyone!

John Wood reminded everyone that he is still looking for people interested in "Bell-ringing" at Christmas for the Salvation Army. If you are interested, please see John. The "Bell-Ringing" starts the Saturday after Thanksgiving.

John Wood advised the club that a letter had been received from Chris Baldo, AI6S, who stated he had read in the Blown Fuse that the club had donated money to the Salvation Army for the use of the facilities and also for the canteen at Field Day. Chris stated he would also like to support the Salvation Army and he sent a check for \$200.00 to be given to the Salvation Army.

John reminded everyone that joining the ARRL through EBARC if you have either never been a member or have not been a member for 2 years, would yield the club a \$15.00 sign up bonus.

John has also made an appointment to speak to the Richmond City Manager regarding the Red Cross and the building. He will keep the club updated on this meeting.

John also reminded everyone that labels are still available for your old QST or other magazines related to amateur radio. The idea is to place a label on your old magazines and leave them in dental and physician offices. The labels have the club name and contact information on them.

Syl Goldberg stated he was able to provide the programs he did this last year mainly due to suggestions, ideas, and contacts given to him by members of the club. He thanked everyone for their input.

Syl made a motion to approve the minutes of last month's meeting as printed in the *Blown Fuse*. The motion was seconded and passed.

Sharon advised everyone that Martha Hurley has again invited the December Board Meeting to meet in her house. The address will be in the next *Blown Fuse*.

Sharon stated the next general club meeting in December will be our "Round Robin" Christmas gift exchange. Details will be in the *Blown Fuse*. Members agreed to bring desserts to share for this December meeting. EBARC will provide beverages.

Henry Primbsch, KK6PH, stated that the Extra class is doing well and that 3 people have already taken and passed their tests.

Good work Henry! The last class will be an ARRL VE test session for the written "Extra" test only and will be at 6 p.m. on December 4th in room 6 of Serra School, 6028 Ralston Ave., ½ block north of Solano, Richmond. The test is open to anyone. There will be no retests. The room must be cleared by 9:30 p.m., so arrive promptly. The test fee is \$10. You must bring a photo ID, your current license and a copy of it, and any CSCEs (with copies).

Gordy Parsons gave a financial report for October: Income - \$245.03, Disbursements - \$16.57, Checking Account Balance - \$1883.91, Savings Account Balance - \$1153.36

Ralph reported all is well at the station. Packet is back up and running.

Joe Lee, W6DOB, stated that jackets and badges are still available.

The meeting was adjourned at 8:29 p.m.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Contact Cliff Chiba, KF6EII, 209-835-6715, email larkswap@usa.com.
- See the October minutes for information on the Dec. 4th VE session.
- RACES 2001 Training Schedule [location C=Central, E=East, W=West, S=South county]:
12/15, Traffic Handling [W]

[The officers list is being omitted this month to save money. It will return next month.]

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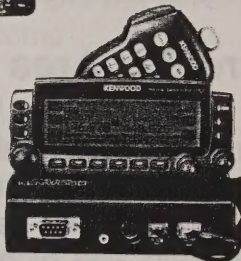
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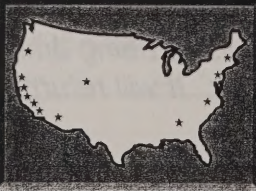


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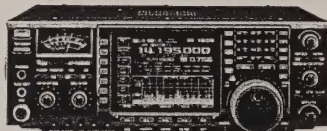
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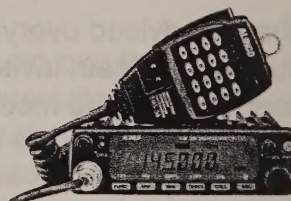
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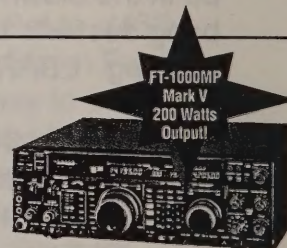
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- Alphanumeric Display
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- "S" Meter
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- 50 Watt out • Alpha Numeric Display
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- CTCSS/DCS Encode/Decode built in



FT-1000MP HF Transceiver

- Enhanced Digital Signal Processing
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- 100W, Power supply built-in

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